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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * * * * * STN Columbus * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:05:41 ON 21 JAN 2009

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
0.22 0.22

FILE 'REGISTRY' ENTERED AT 16:05:50 ON 21 JAN 2009
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STRUCTURE FILE UPDATES: 20 JAN 2009 HIGHEST RN 1094597-78-0
DICTIONARY FILE UPDATES: 20 JAN 2009 HIGHEST RN 1094597-78-0

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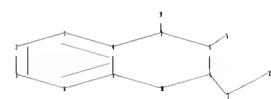
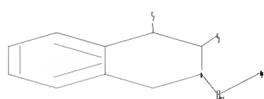
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10596546.str



chain nodes :
11 12 16 19 20 21 22 23 25
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
7-19 8-16 9-11 11-12 20-21 20-22 22-23 22-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

G2:H,CH3,Et

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 16:06:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 796539 TO ITERATE

86.8% PROCESSED	691157 ITERATIONS	6860 ANSWERS
96.2% PROCESSED	765903 ITERATIONS	6876 ANSWERS
100.0% PROCESSED	796539 ITERATIONS	6880 ANSWERS
SEARCH TIME: 00.00.36		

L2 6880 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10596546a.str



```

chain nodes :
11 12 16 19 20 21 22 23 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31
chain bonds :
7-19 8-16 9-11 10-29 11-12 20-21 20-22 20-26 22-23 22-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31
exact/norm bonds :
4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25
exact bonds :
10-29 20-26
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31
isolated ring systems :
containing 1 : 26 :

```

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 13 full

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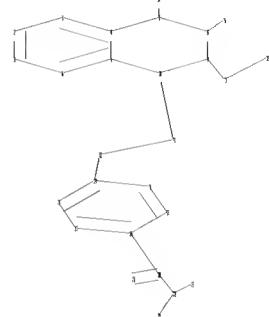
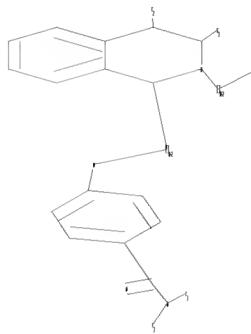
100.0% PROCESSED 56141 ITERATIONS
SEARCH TIME: 00.00.02

92 ANSWERS

L4 92 SEA SSS FUL L3

=>

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chain nodes :

11 12 16 19 20 21 22 23 25 32 33

ring nodes :

1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31

chain bonds :

7-19 8-16 9-11 10-33 11-12 20-21 20-22 20-26 22-23 22-25 29-32 32-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31

exact/norm bonds :

4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25

29-32 32-33

exact bonds :

10-33 20-26

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31
isolated ring systems :
containing 1 : 26 :

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:CLASS 33:CLASS

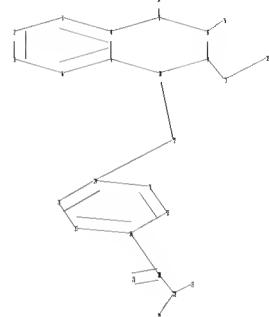
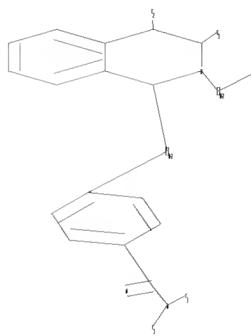
L5 STRUCTURE UPLOADED

=> s 15 full
FULL SEARCH INITIATED 16:10:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3770 TO ITERATE

100.0% PROCESSED 3770 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L6 3 SEA SSS FUL L5

=>
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chain nodes :

11 12 16 19 20 21 22 23 25 32

ring nodes :

1 2 3 4 5 6 7 8 9 10 26 27 28 29 30 31

chain bonds :

7-19 8-16 9-11 10-32 11-12 20-21 20-22 20-26 22-23 22-25 29-32

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 26-27 26-31 27-28 28-29
29-30 30-31

exact/norm bonds :

4-7 5-10 7-8 7-19 8-9 8-16 9-10 9-11 11-12 20-21 20-22 22-23 22-25

exact bonds :

10-32 20-26 29-32

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 26-27 26-31 27-28 28-29 29-30 30-31

isolated ring systems :
containing 1 : 26 :

G1:H,Ak

G2:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 16:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:CLASS

L7 STRUCTURE UPLOADED

=> s 17 full
FULL SEARCH INITIATED 16:12:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 24120 TO ITERATE

100.0% PROCESSED 24120 ITERATIONS 94 ANSWERS
SEARCH TIME: 00.00.03

L8 94 SEA SSS FUL L7

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 746.88 747.10

FILE 'CAPLUS' ENTERED AT 16:12:33 ON 21 JAN 2009
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FILE COVERS 1907 - 21 Jan 2009 VOL 150 ISS 4
FILE LAST UPDATED: 20 Jan 2009 (20090120/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s 14 full
L9 1 L4

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=> s 16 full
L10          1 L6

=> s 18 full
L11          1 L8

=> d ibib abs hitstr tot 19
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L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

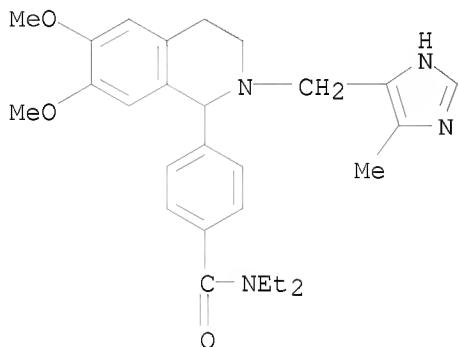
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061484	A1	20050707	WO 2004-SE1939	20041220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004303736	A1	20050707	AU 2004-303736	20041220
AU 2004303736	B2	20080515		
CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
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CN 1918147	A	20070221	CN 2004-80041965	20041220
BR 2004017936	A	20070417	BR 2004-17936	20041220
JP 2007515477	T	20070614	JP 2006-546907	20041220
IN 2006DN03163	A	20070824	IN 2006-DN3163	20060602
MX 2006PA07040	A	20060831	MX 2006-PA7040	20060619
NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
PRIORITY APPLN. INFO.:			SE 2003-3542	A 20031222
			WO 2004-SE1939	W 20041220

OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
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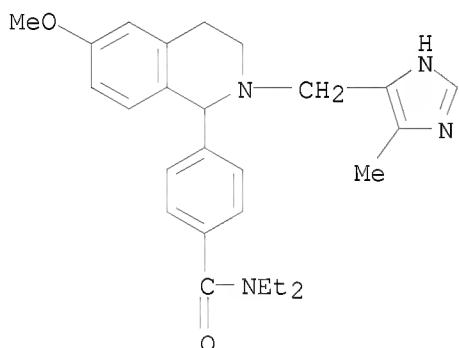
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

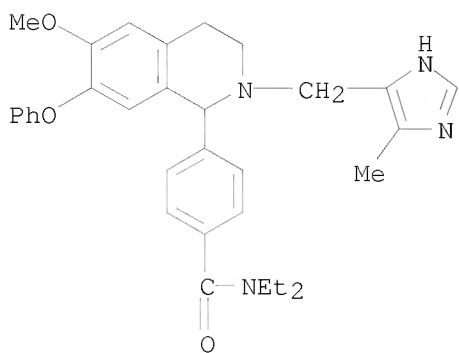
below 1000 nM. I as ligands of δ receptor should prove useful in
 the treatment of pain. Pharmaceutical compns. comprising I are disclosed.
 IT 857251-29-7P 857251-31-1P 857251-76-4P
 RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical
 process); PYP (Physical process); RCT (Reactant); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP
 (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor
 ligands)
 RN 857251-29-7 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-
 imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-31-1 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-
 imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-76-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-
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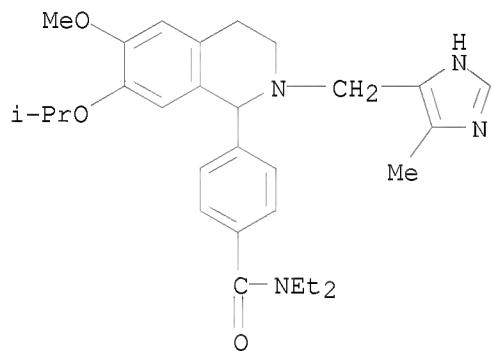


IT 857251-49-1P 857251-52-6P 857251-53-7P
857251-85-5P 857251-90-2P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

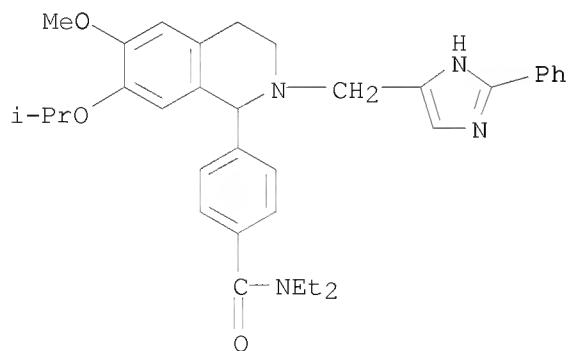
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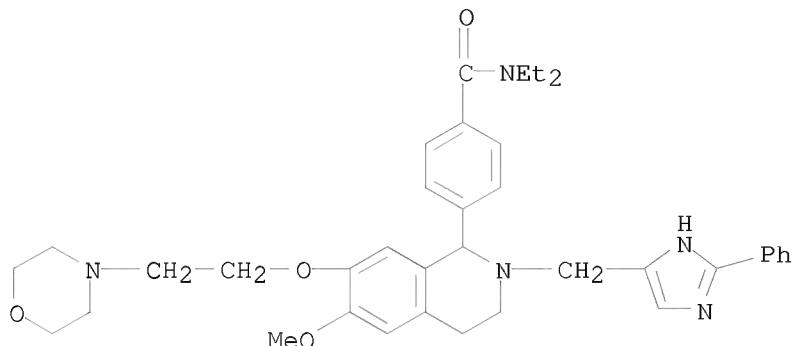
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CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



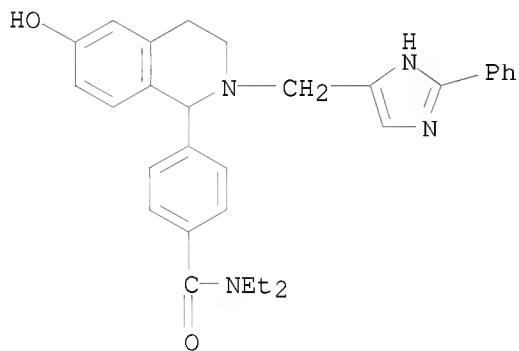
RN 857251-53-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



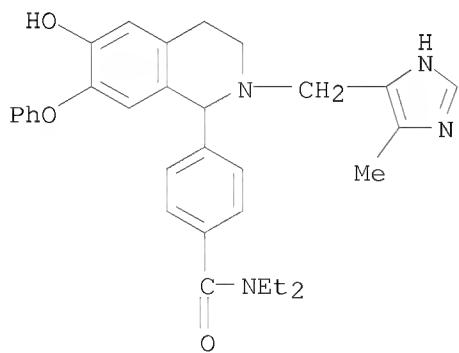
RN 857251-85-5 CAPLUS

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RN 857251-90-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-96-8P 857251-97-9P 857251-98-0P

857251-99-1P 857252-00-7P 857252-01-8P

857252-02-9P 857252-03-0P 857252-04-1P

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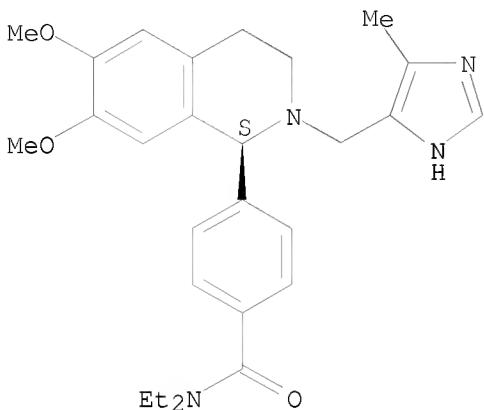
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

RN 857251-96-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

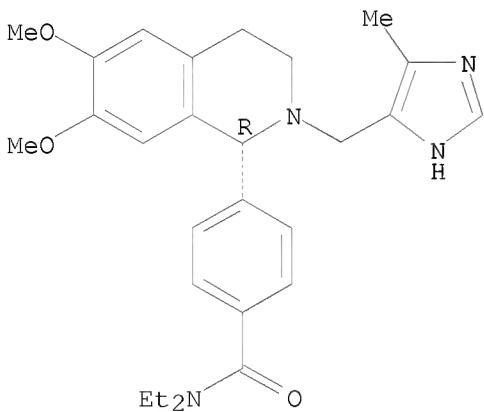
Absolute stereochemistry.



RN 857251-97-9 CAPLUS

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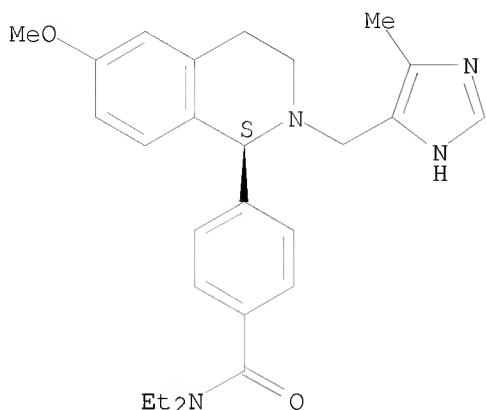
Absolute stereochemistry.



RN 857251-98-0 CAPLUS

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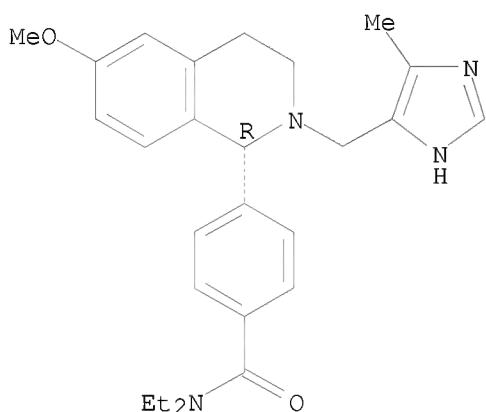
Absolute stereochemistry. Rotation (+).



RN 857251-99-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

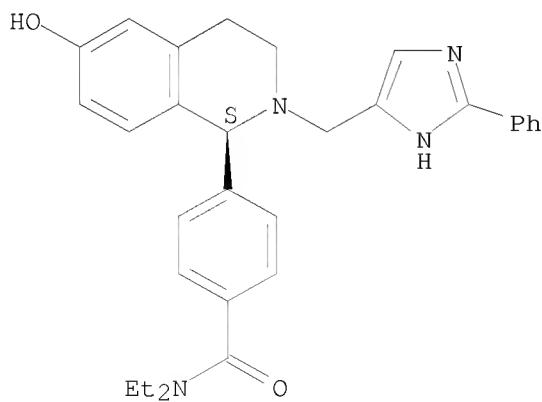
Absolute stereochemistry. Rotation (-).



RN 857252-00-7 CAPLUS

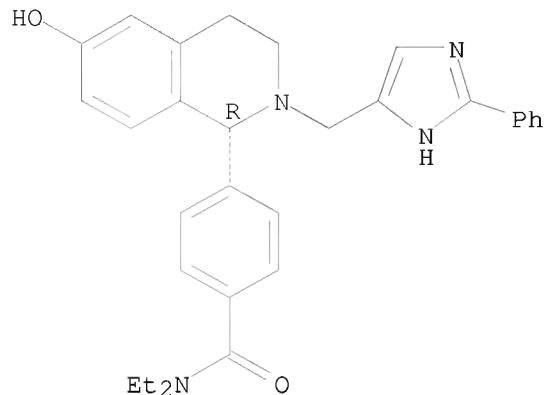
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



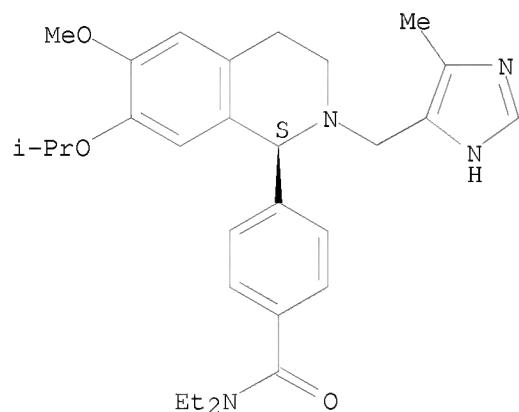
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CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



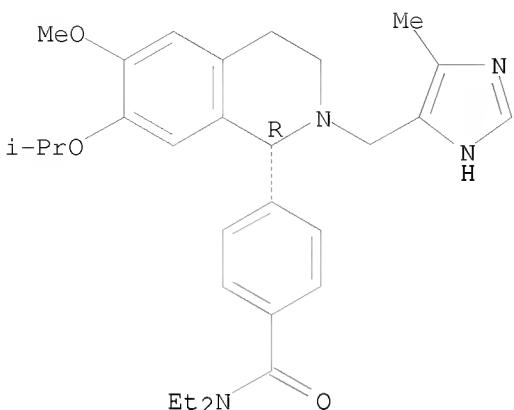
RN 857252-02-9 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 857252-03-0 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

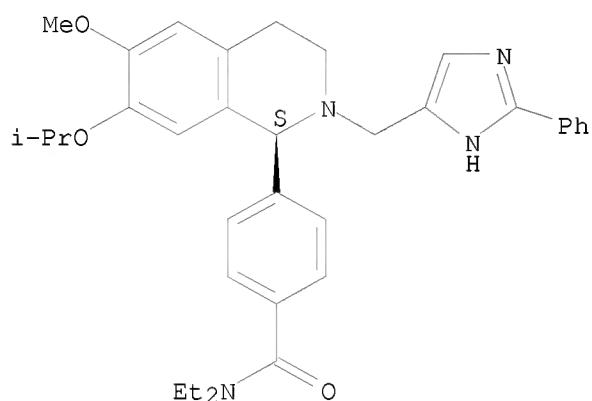
Absolute stereochemistry. Rotation (-).



RN 857252-04-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

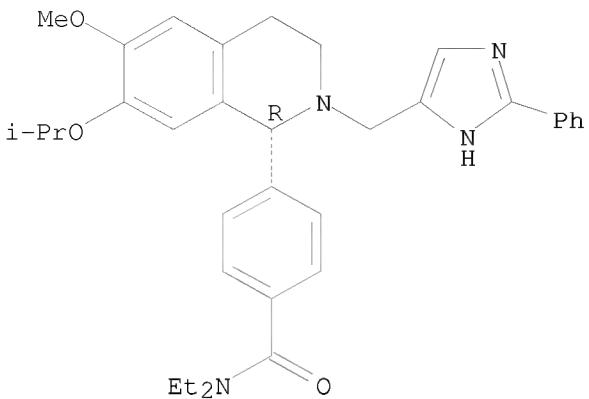
Absolute stereochemistry. Rotation (+).



RN 857252-05-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

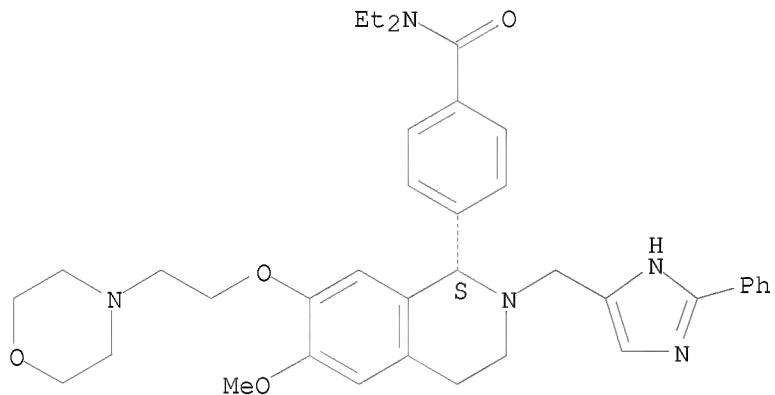
Absolute stereochemistry. Rotation (-).



RN 857252-06-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

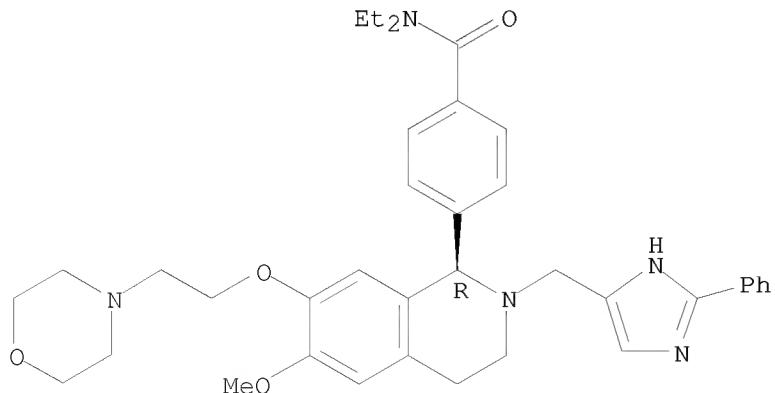
Absolute stereochemistry. Rotation (+).



RN 857252-07-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

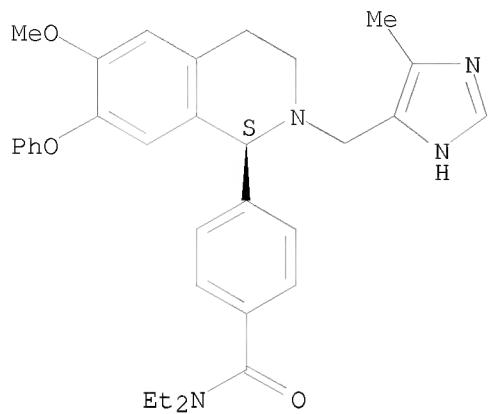
Absolute stereochemistry. Rotation (-).



RN 857252-08-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

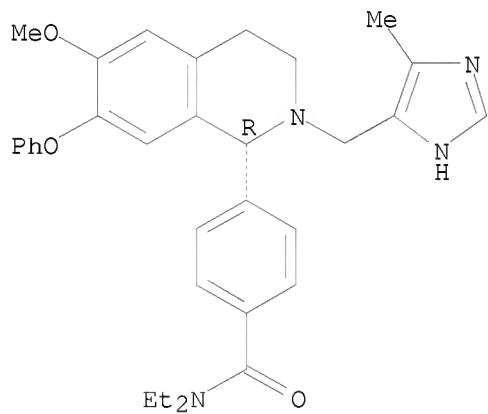
Absolute stereochemistry. Rotation (+).



RN 857252-09-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

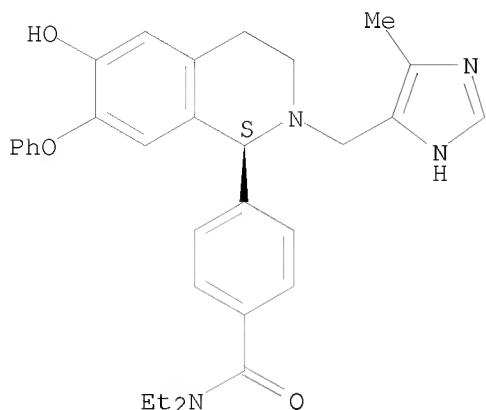
Absolute stereochemistry. Rotation (-).



RN 857252-10-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

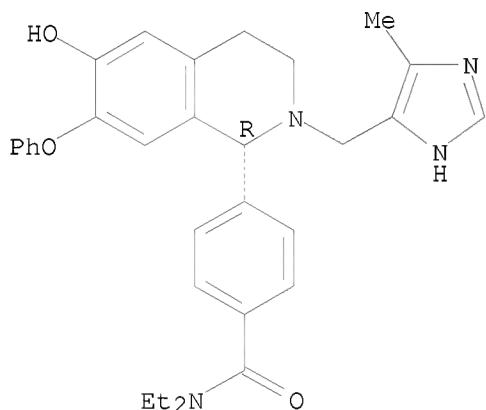
Absolute stereochemistry.



RN 857252-11-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 857251-19-5P 857251-20-8P 857251-21-9P

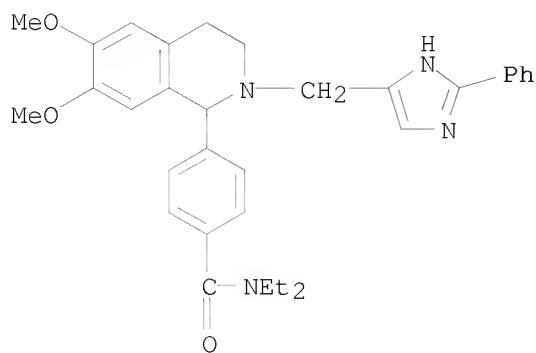
857251-36-6P 857251-54-8P 857251-75-3P

857251-77-5P 857251-78-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

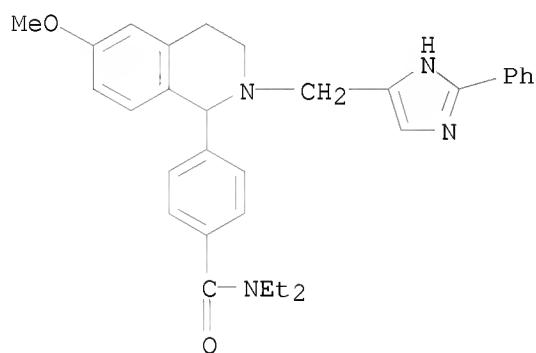
RN 857251-19-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



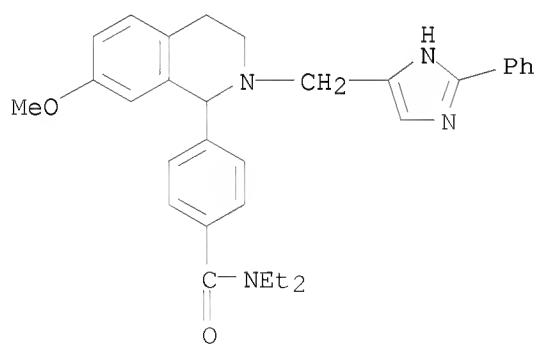
RN 857251-20-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



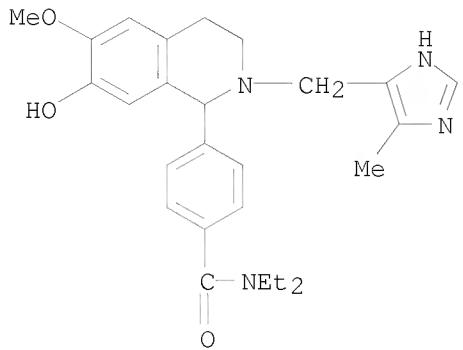
RN 857251-21-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



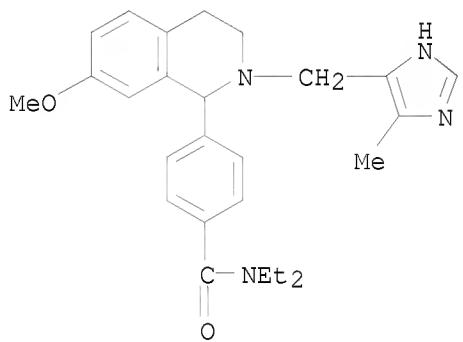
RN 857251-36-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



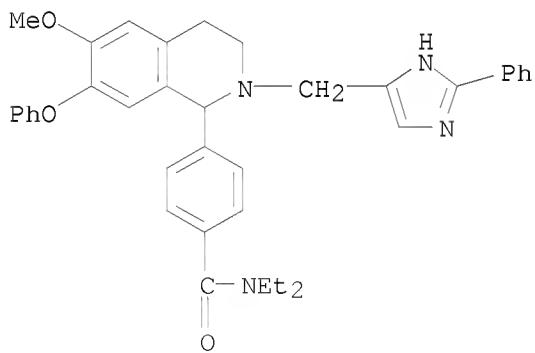
RN 857251-54-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



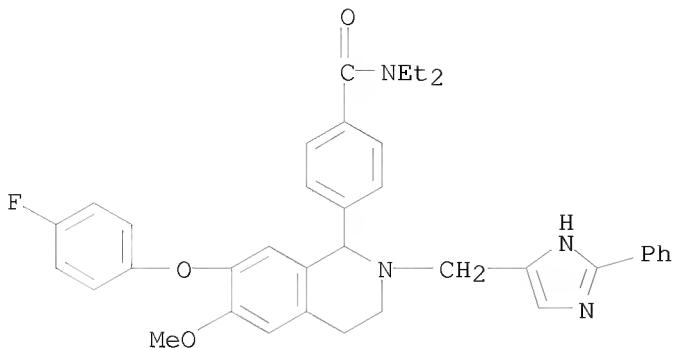
RN 857251-75-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



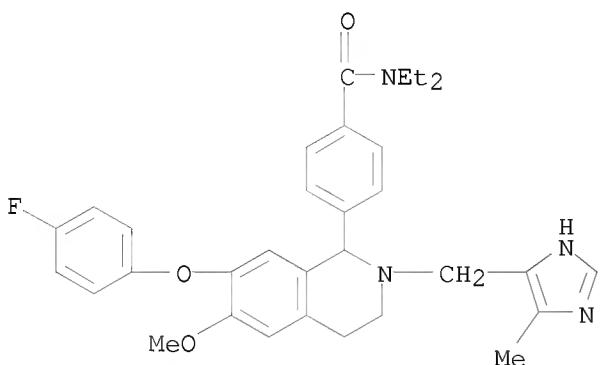
RN 857251-77-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-78-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



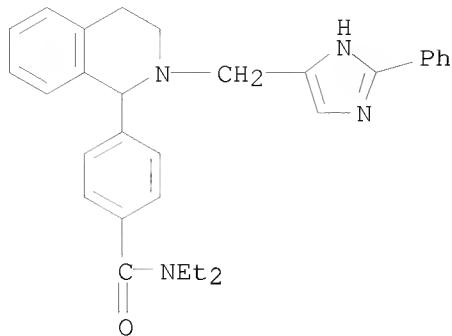
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 857251-92-4P 857251-93-5P 857251-94-6P
 857251-95-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

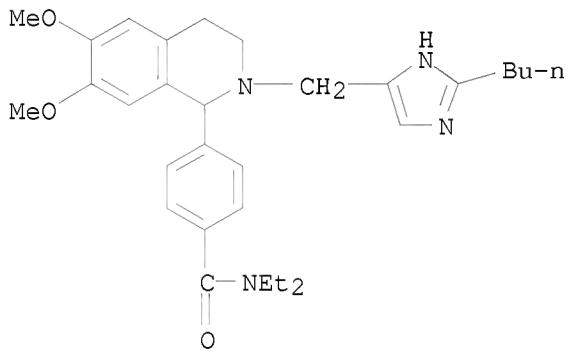
RN 857251-22-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



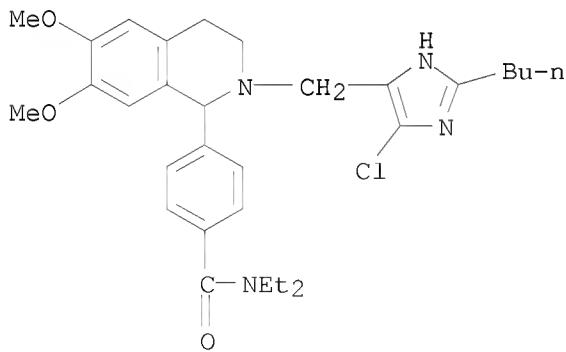
RN 857251-23-1 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



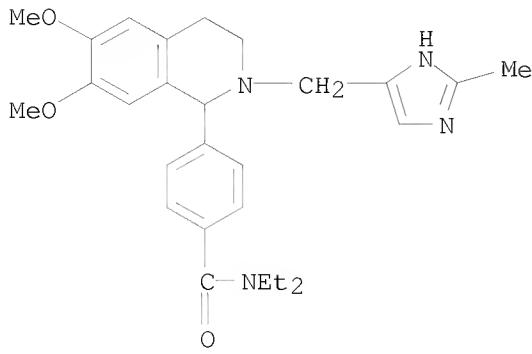
RN 857251-24-2 CAPLUS

CN Benzamide, 4-[2-[(2-butyl-5-chloro-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



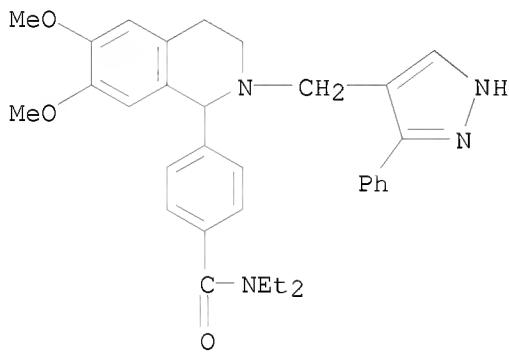
RN 857251-25-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



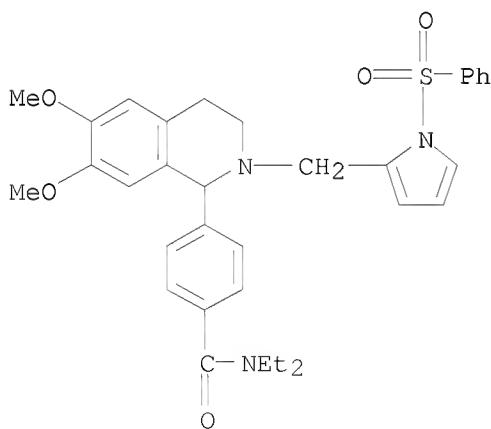
RN 857251-26-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(3-phenyl-1H-pyrazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



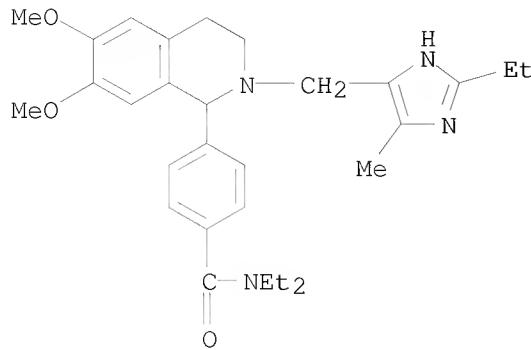
RN 857251-27-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[[1-(phenylsulfonyl)-1H-pyrrol-2-yl]methyl]-1-isoquinolinyl]- (CA INDEX NAME)



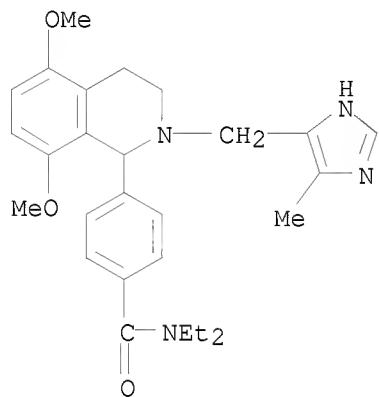
RN 857251-28-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[2-[(2-ethyl-4-methyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



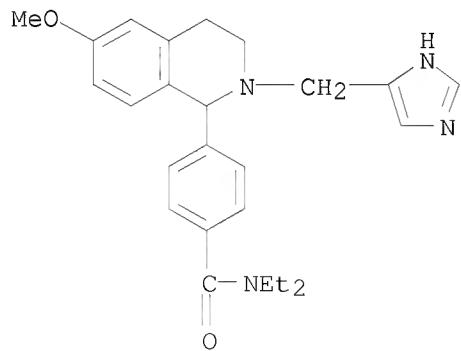
RN 857251-30-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,8-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



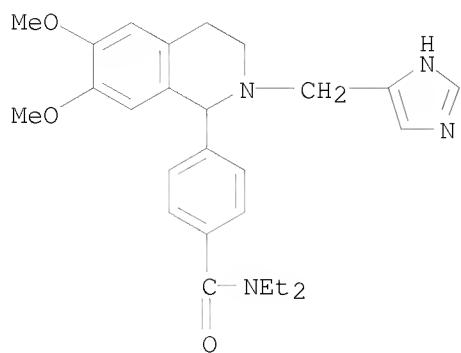
RN 857251-32-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6-methoxy-1-isoquinolinyl]- (CA INDEX NAME)



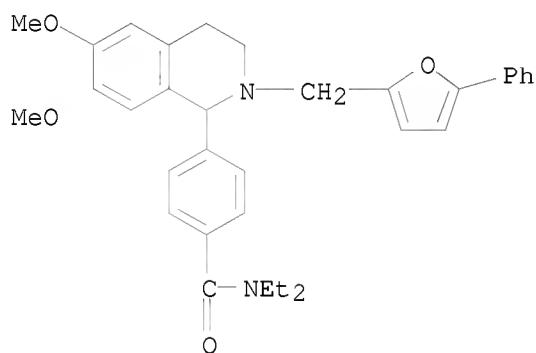
RN 857251-33-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



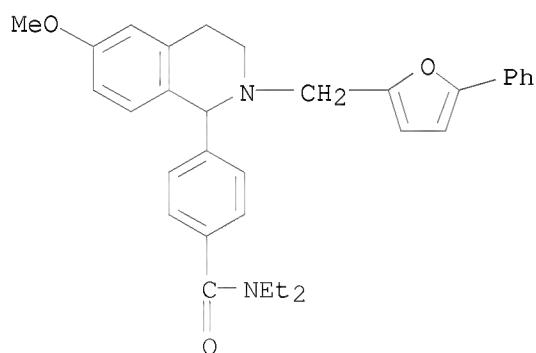
RN 857251-34-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



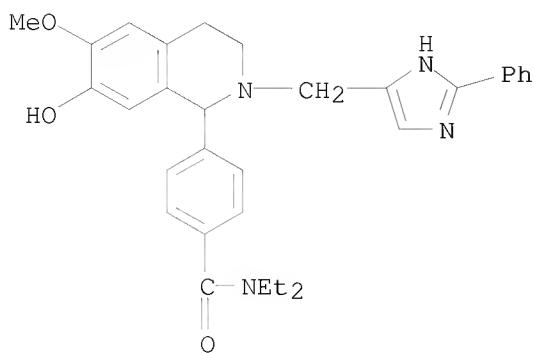
RN 857251-35-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



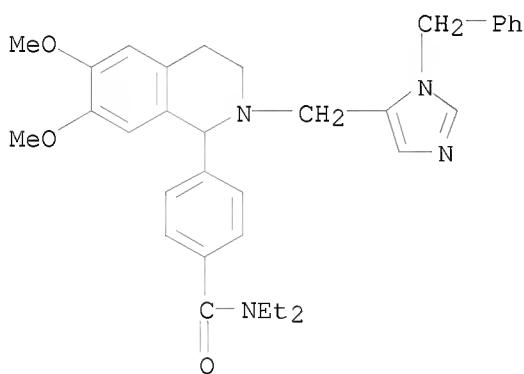
RN 857251-37-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



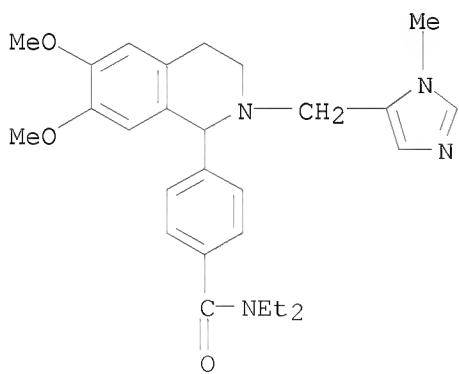
RN 857251-38-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylmethyl)-1H-imidazol-5-yl]methyl]-1-isooquinolinyl- (CA INDEX NAME)



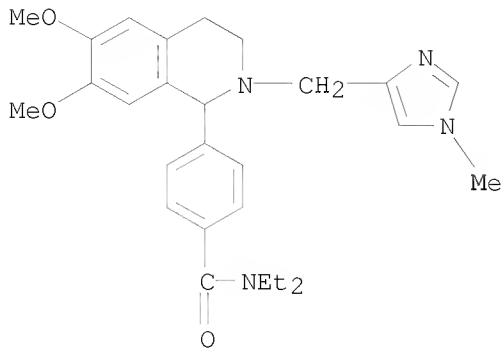
RN 857251-39-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-5-yl)methyl]-1H-imidazol-5-yl]methyl]-1-isooquinolinyl- (CA INDEX NAME)



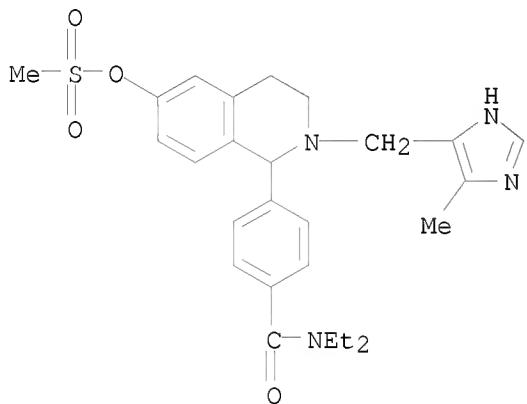
RN 857251-40-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-4-yl)methyl]-1H-imidazol-4-yl]methyl]-1-isooquinolinyl- (CA INDEX NAME)



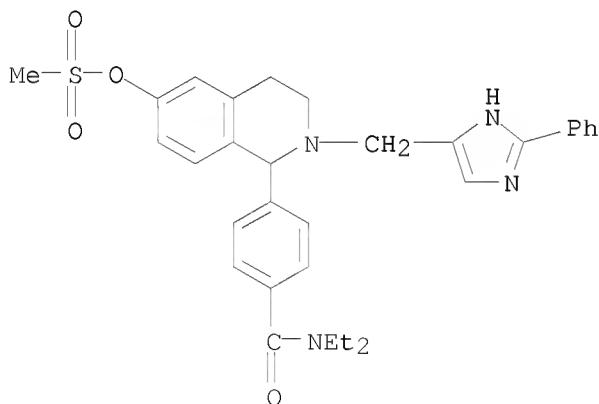
RN 857251-43-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



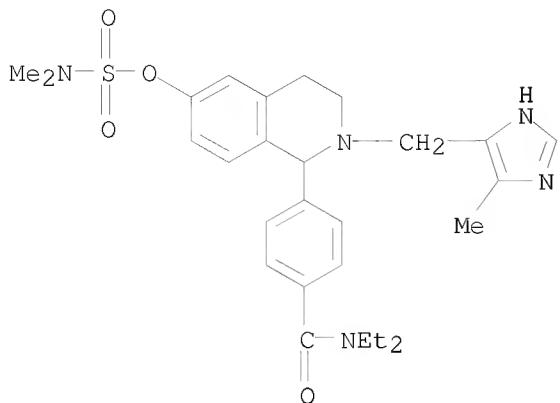
RN 857251-44-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-[(methylsulfonyl)oxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

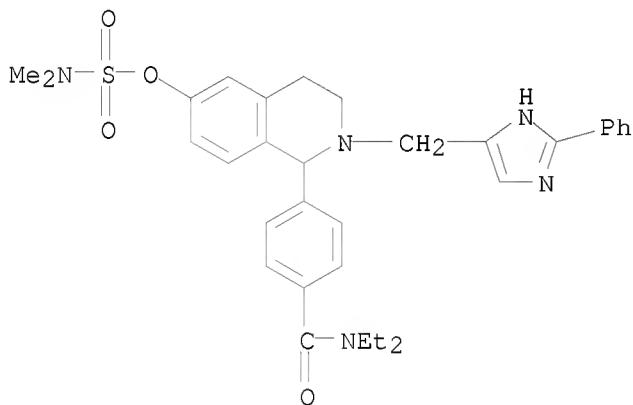


RN 857251-45-7 CAPLUS

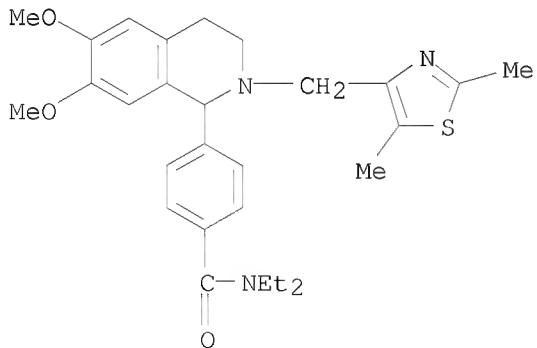
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester (CA INDEX NAME)



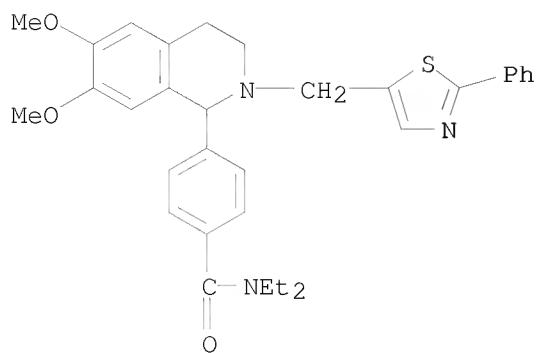
RN 857251-46-8 CAPLUS
 CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester (CA INDEX NAME)



RN 857251-47-9 CAPLUS
 CN Benzamide, 4-[2-[(2,5-dimethyl-4-thiazolyl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

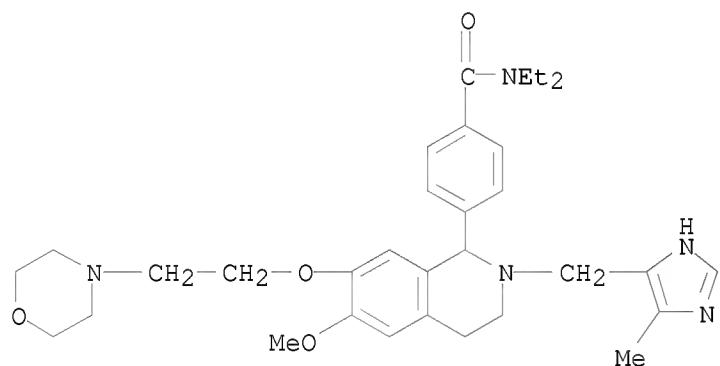


RN 857251-48-0 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-5-thiazolyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



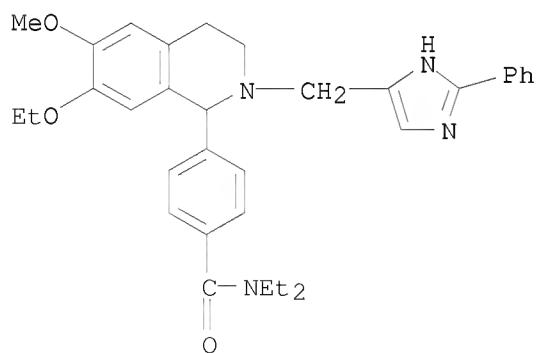
RN 857251-50-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[2-(4-morpholinyl)ethoxy]-1-isoquinolinyl]- (CA INDEX NAME)



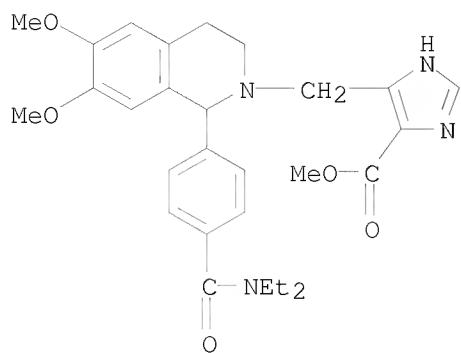
RN 857251-51-5 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



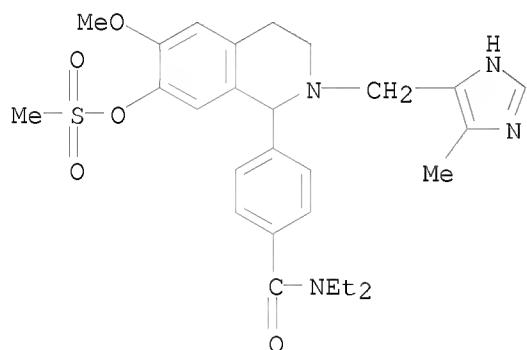
RN 857251-55-9 CAPLUS

CN 1H-Imidazole-5-carboxylic acid, 4-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl]methyl]-, methyl ester (CA INDEX NAME)



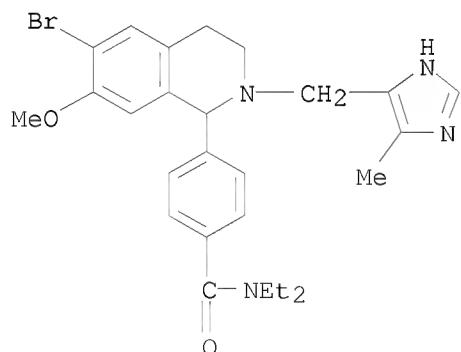
RN 857251-56-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



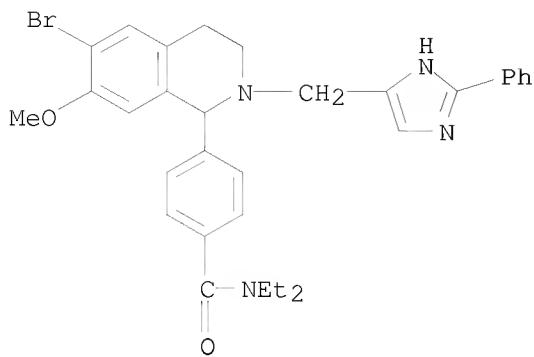
RN 857251-59-3 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



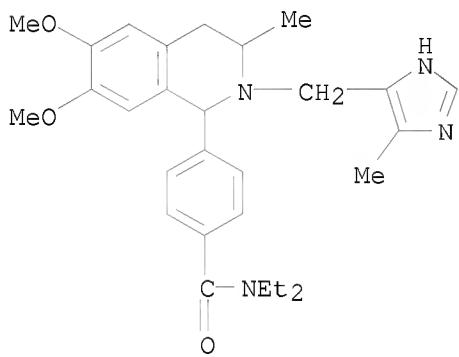
RN 857251-60-6 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



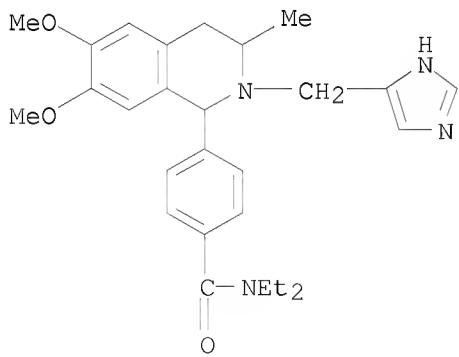
RN 857251-61-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-3-methyl-2-(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



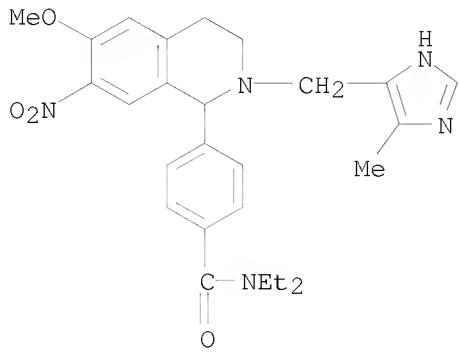
RN 857251-62-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-3-methyl-1-isoquinolinyl]- (CA INDEX NAME)



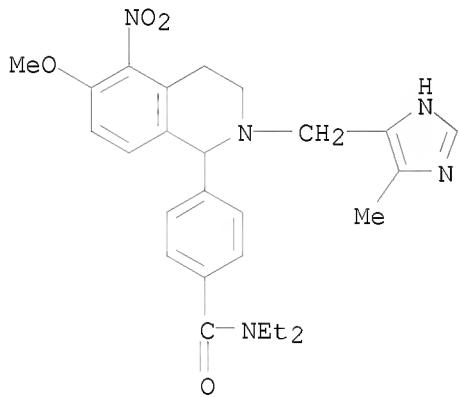
RN 857251-63-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-(4-methyl-1H-imidazol-5-yl)methyl]-7-nitro-1-isoquinolinyl]- (CA INDEX NAME)



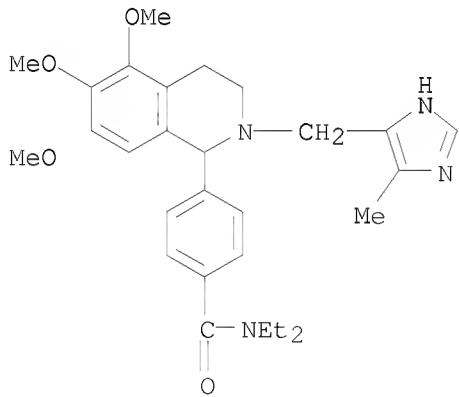
RN 857251-64-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-5-nitro-1-isoquinolinyl]- (CA INDEX NAME)



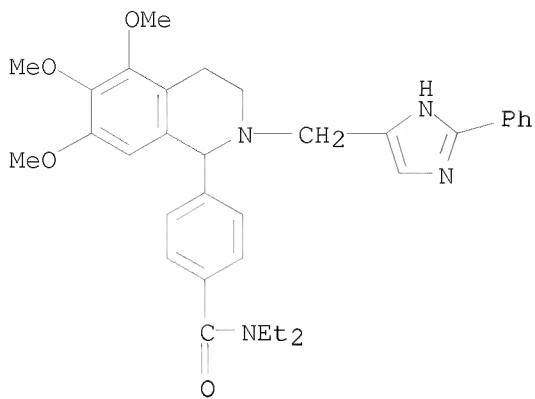
RN 857251-67-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



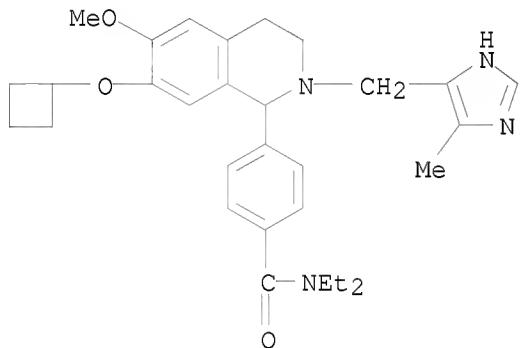
RN 857251-68-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



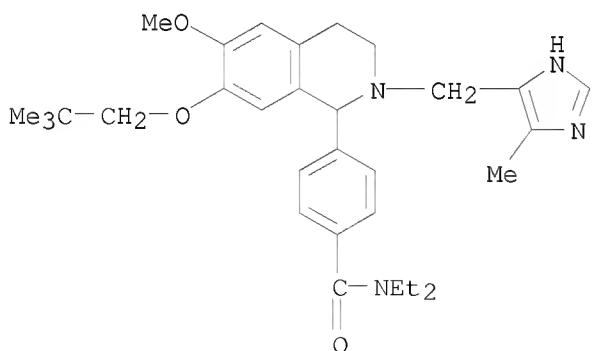
RN 857251-69-5 CAPLUS

CN Benzamide, 4-[7-(cyclobutyloxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



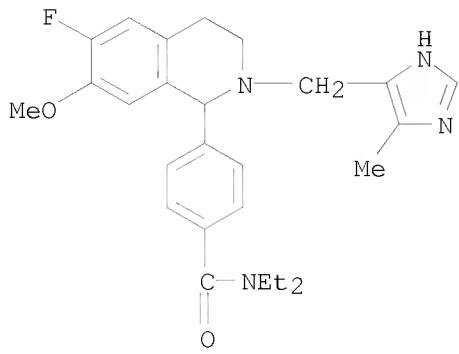
RN 857251-70-8 CAPLUS

CN Benzamide, 4-[7-(2,2-dimethylpropoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



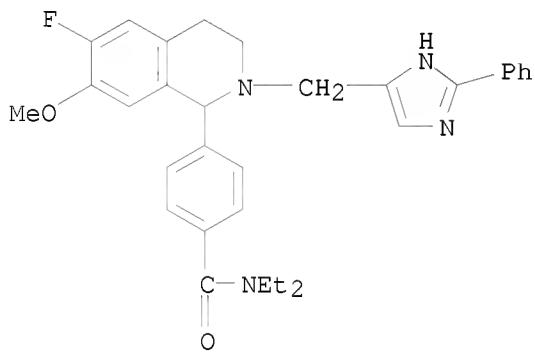
RN 857251-71-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



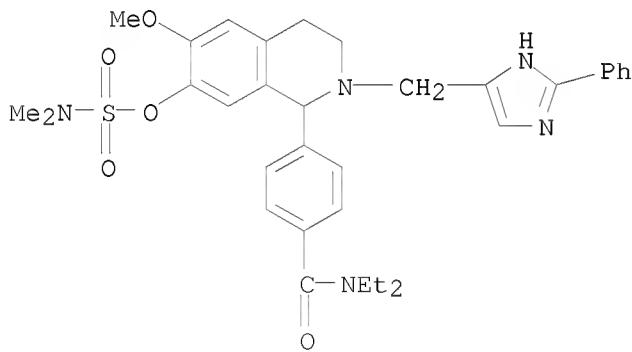
RN 857251-72-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



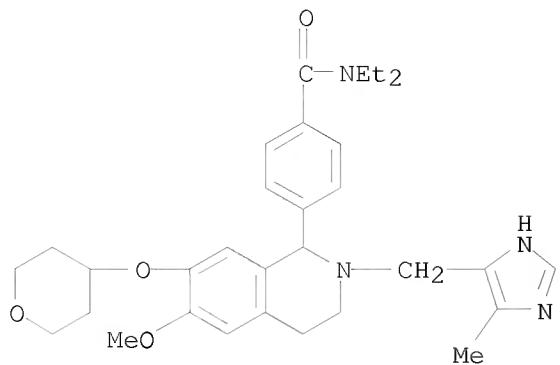
RN 857251-73-1 CAPLUS

CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-7-isoquinolinyl ester (CA INDEX NAME)



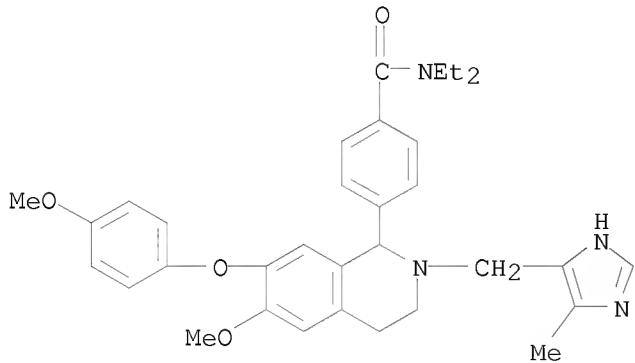
RN 857251-74-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(tetrahydro-2H-pyran-4-yl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



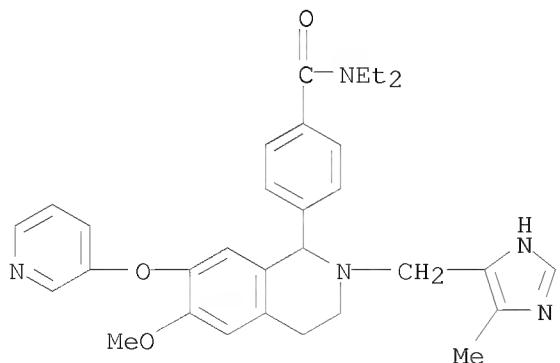
RN 857251-79-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(4-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



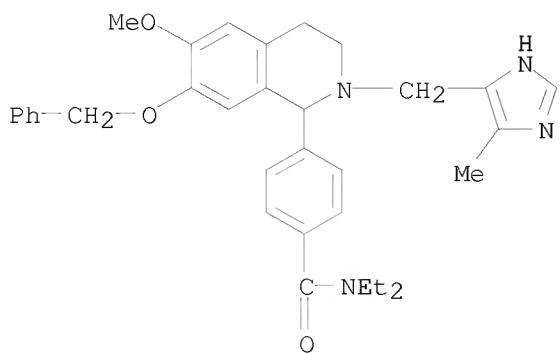
RN 857251-80-0 CAPLUS

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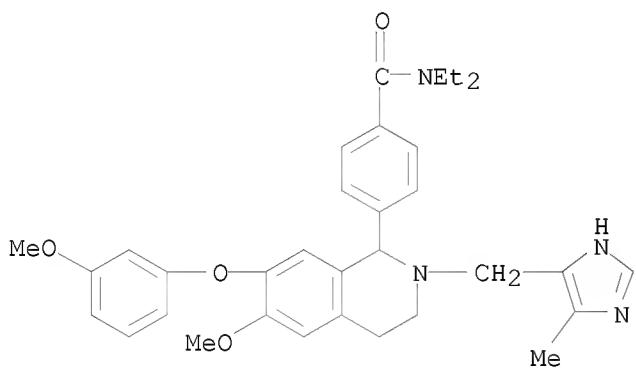
RN 857251-81-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(phenylmethoxy)-1-isoquinolinyl]- (CA INDEX NAME)



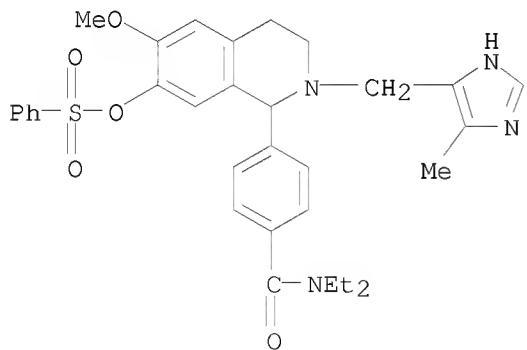
RN 857251-82-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(3-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isouquinolinyl]- (CA INDEX NAME)



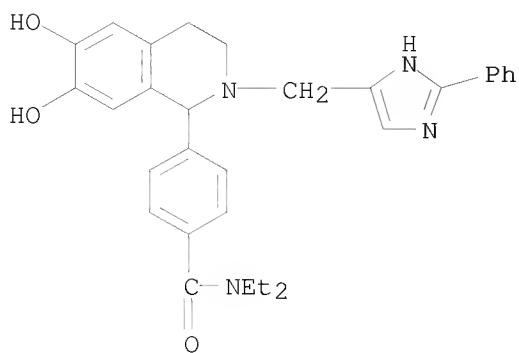
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CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(phenylsulfonyloxy)-1-isouquinolinyl]- (CA INDEX NAME)



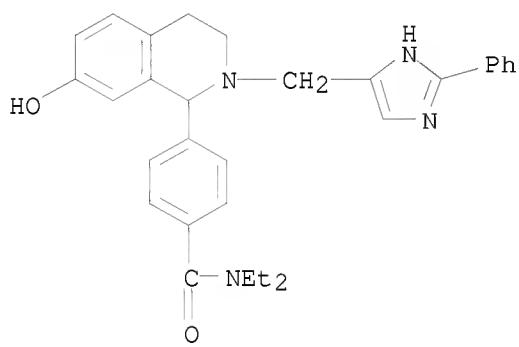
RN 857251-84-4 CAPLUS

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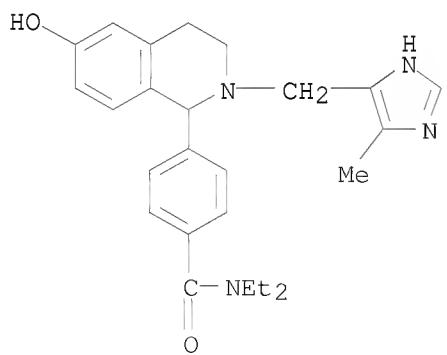
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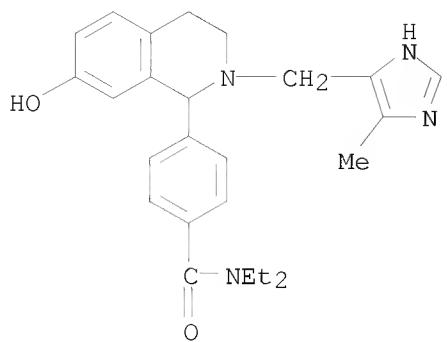
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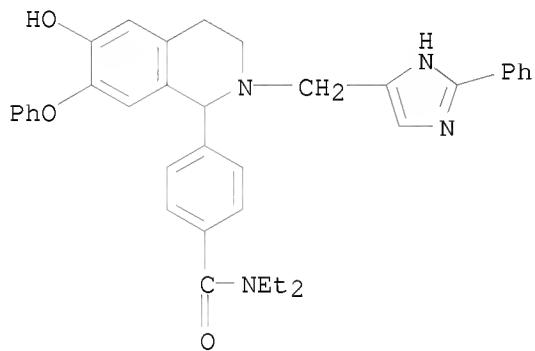
RN 857251-88-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



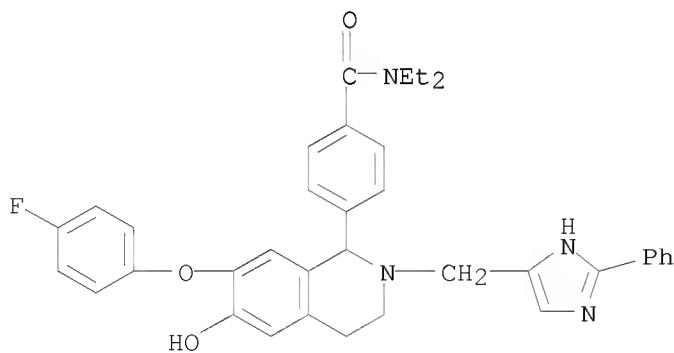
RN 857251-89-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



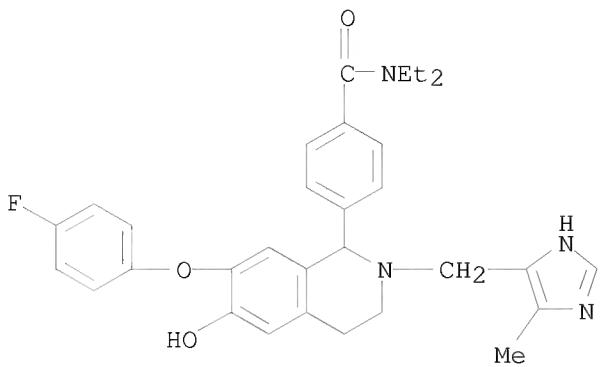
RN 857251-91-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



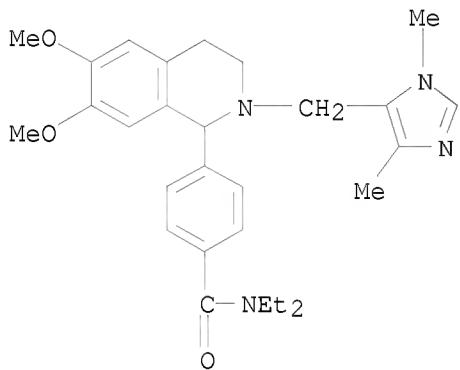
RN 857251-92-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



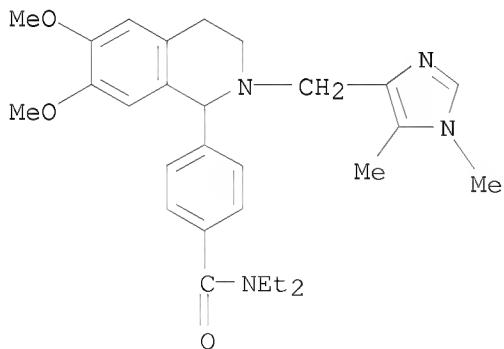
RN 857251-93-5 CAPLUS

CN Benzamide, 4-[2-[(1,4-dimethyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



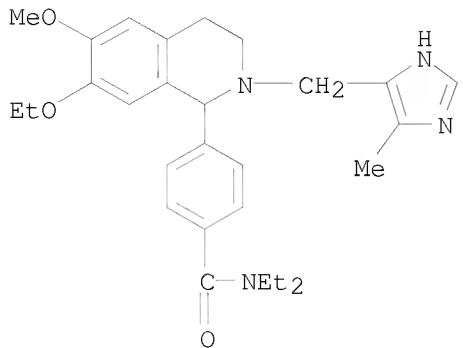
RN 857251-94-6 CAPLUS

CN Benzamide, 4-[2-[(1,5-dimethyl-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



RN 857251-95-7 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)

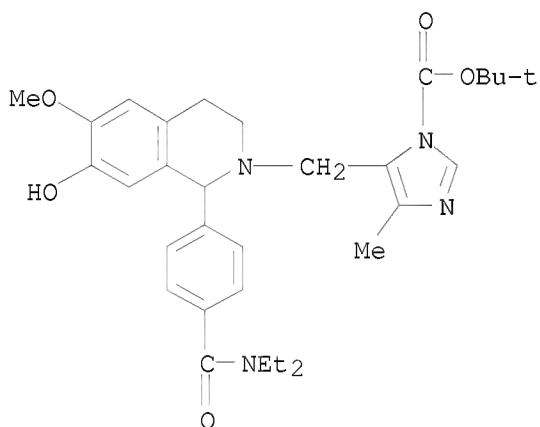


IT 857252-63-2P 857252-64-3P 857252-65-4P
857252-66-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

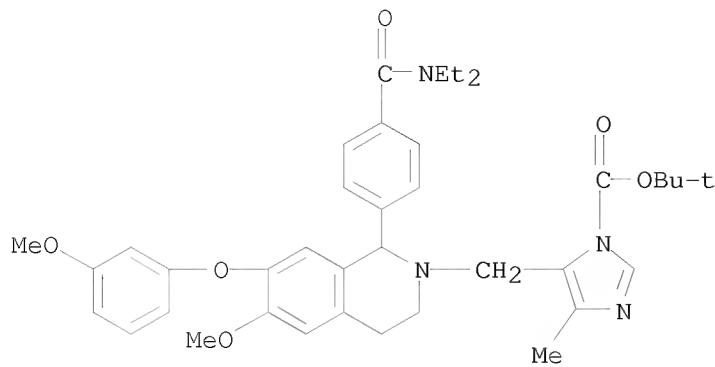
RN 857252-63-2 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-7-hydroxy-6-methoxy-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



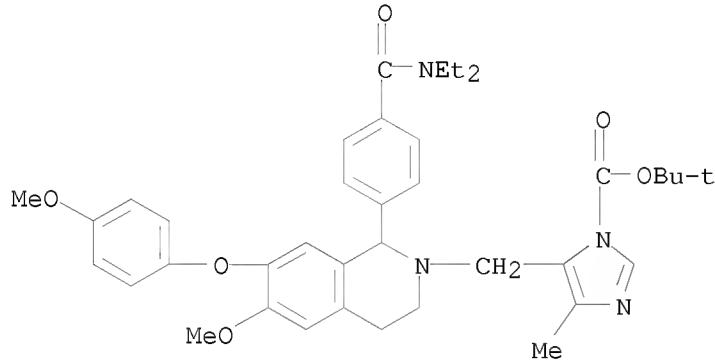
RN 857252-64-3 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(3-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



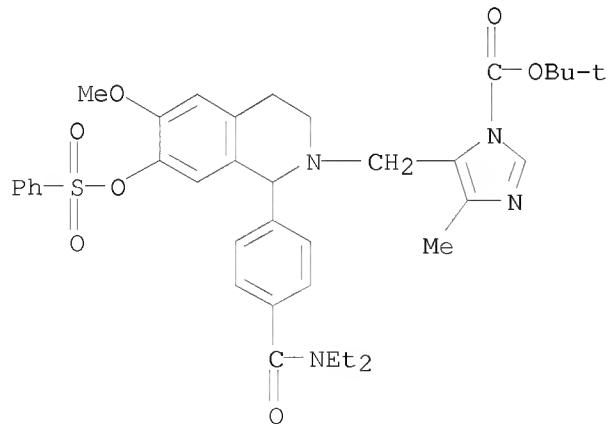
RN 857252-65-4 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(4-methoxyphenoxy)-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-66-5 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-[(phenylsulfonyl)oxy]-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

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THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


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L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

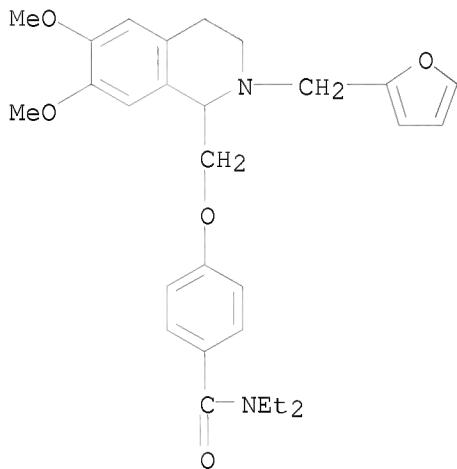
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
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CN 1918147	A	20070221	CN 2004-80041965	20041220
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NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
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OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
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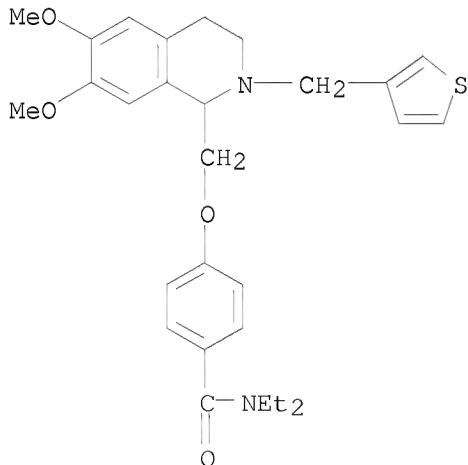
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

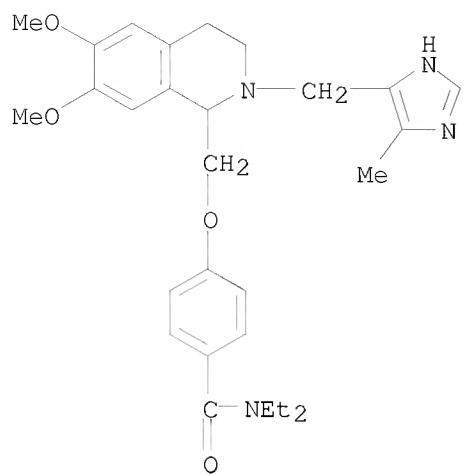
below 1000 nM. I as ligands of δ receptor should prove useful in
 the treatment of pain. Pharmaceutical compns. comprising I are disclosed.
 IT 857251-15-1P 857251-16-2P 857251-41-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor
 ligands)
 RN 857251-15-1 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[2-(2-furanyl methyl)-1,2,3,4-tetrahydro-6,7-
 dimethoxy-1-isoquinolinyl]methoxy]- (CA INDEX NAME)



RN 857251-16-2 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-(3-
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RN 857251-41-3 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-
 1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methoxy]- (CA INDEX NAME)



REFERENCE COUNT:

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THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:588939 CAPLUS
 DOCUMENT NUMBER: 143:115459
 TITLE: Preparation of tetrahydroisoquinoline derivatives as
 δ receptor ligands
 INVENTOR(S): Ripper, Justin; Janssen, Christian; Jenkins, Ian; Le
 Van, Phuc; Quinn, Ron
 PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061484	A1	20050707	WO 2004-SE1939	20041220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004303736	A1	20050707	AU 2004-303736	20041220
AU 2004303736	B2	20080515		
CA 2550643	A1	20050707	CA 2004-2550643	20041220
EP 1699779	A1	20060913	EP 2004-809112	20041220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1918147	A	20070221	CN 2004-80041965	20041220
BR 2004017936	A	20070417	BR 2004-17936	20041220
JP 2007515477	T	20070614	JP 2006-546907	20041220
IN 2006DN03163	A	20070824	IN 2006-DN3163	20060602
MX 2006PA07040	A	20060831	MX 2006-PA7040	20060619
NO 2006003353	A	20060906	NO 2006-3353	20060719
KR 2006127903	A	20061213	KR 2006-714795	20060721
PRIORITY APPLN. INFO.:			SE 2003-3542	A 20031222
			WO 2004-SE1939	W 20041220

OTHER SOURCE(S): CASREACT 143:115459; MARPAT 143:115459
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1 = H, alkyl; R2 and R3 independently = H, alkyl; R4, R5, R6 and R7 independently = H, OH, halo, etc. or any two adjacent groups selected from R4, R5, R6 and R7 form a portion of a 5-6 membered ring; E = (un)substituted 5-membered heterocycle; D = divalent group comprising a benzene ring] and their pharmaceutically acceptable salts, are prepared and disclosed as δ receptor ligands. Thus, e.g., II was prepared by reductive alkylation of 2-[(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-1-yl)methoxy]-N,N-diethylbenzamide (preparation given) with 2-furaldehyde. The activity of I was evaluated in binding assays towards δ receptor and it was found that most compds. of the invention displayed IC50 values

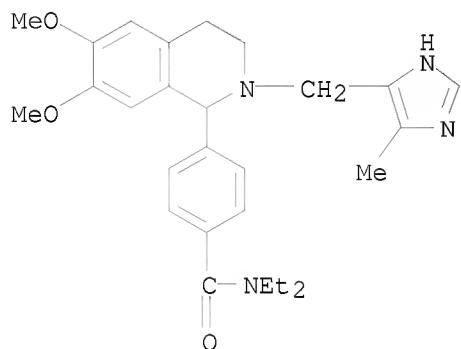
below 1000 nM. I as ligands of δ receptor should prove useful in the treatment of pain. Pharmaceutical compns. comprising I are disclosed.

IT 857251-29-7P 857251-31-1P 857251-76-4P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses) (preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

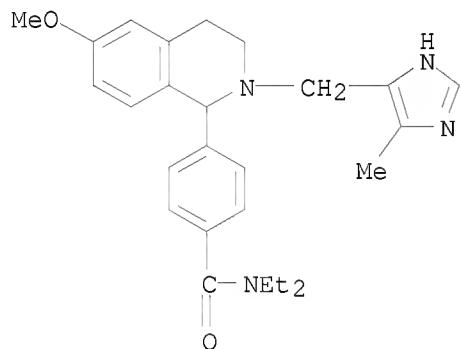
RN 857251-29-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



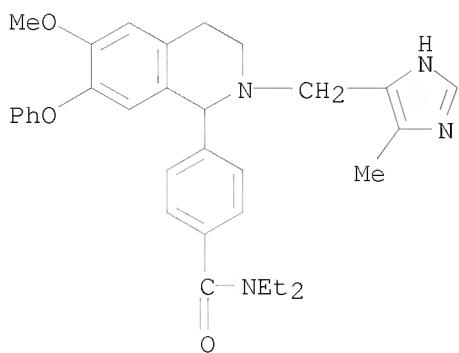
RN 857251-31-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-76-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

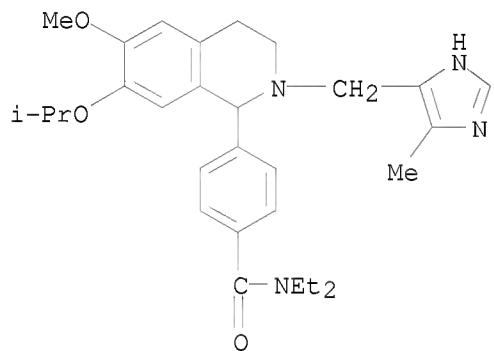


IT 857251-49-1P 857251-52-6P 857251-53-7P
857251-85-5P 857251-90-2P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

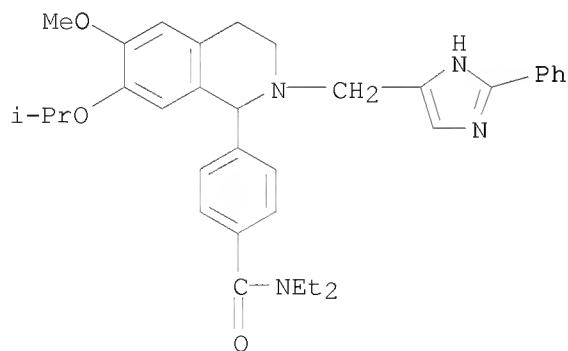
RN 857251-49-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



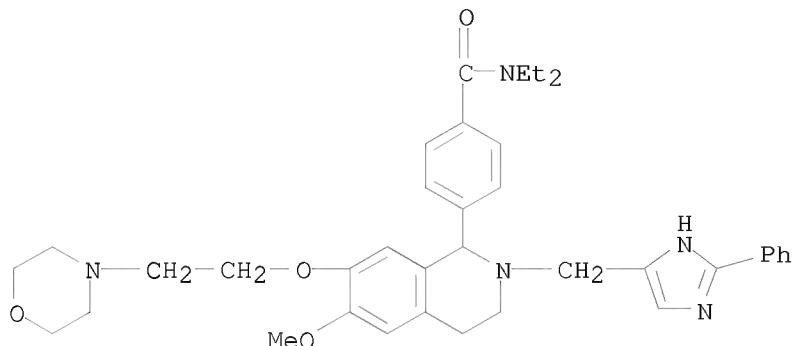
RN 857251-52-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



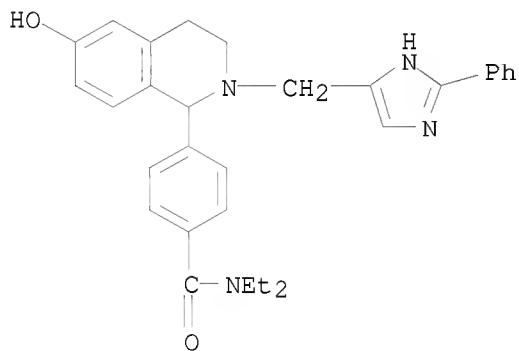
RN 857251-53-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



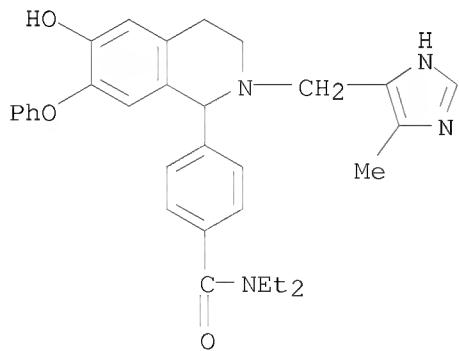
RN 857251-85-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-90-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)



IT 857251-96-8P 857251-97-9P 857251-98-0P

857251-99-1P 857252-00-7P 857252-01-8P

857252-02-9P 857252-03-0P 857252-04-1P

857252-05-2P 857252-06-3P 857252-07-4P

857252-08-5P 857252-09-6P 857252-10-9P

857252-11-0P

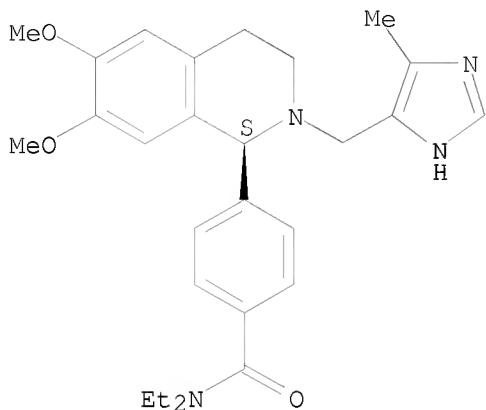
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

RN 857251-96-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

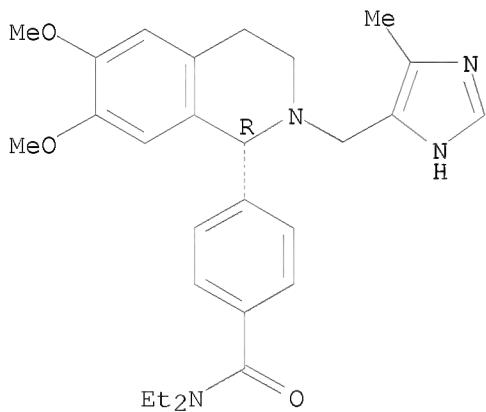
Absolute stereochemistry.



RN 857251-97-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

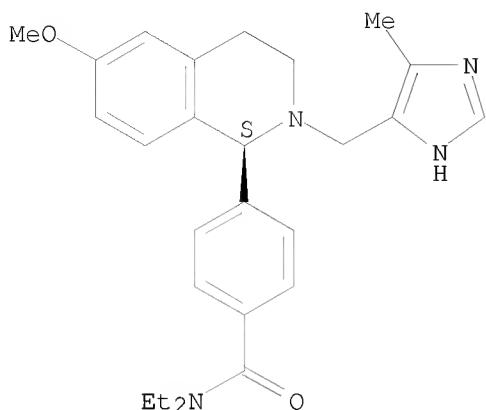
Absolute stereochemistry.



RN 857251-98-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

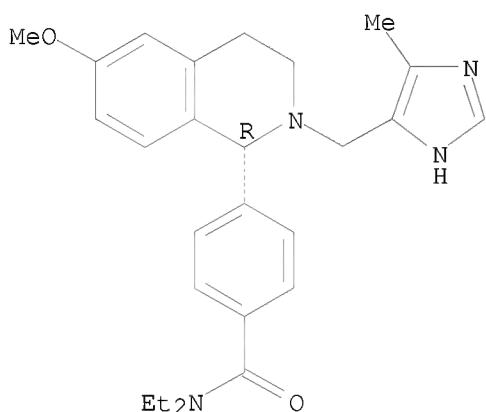
Absolute stereochemistry. Rotation (+).



RN 857251-99-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

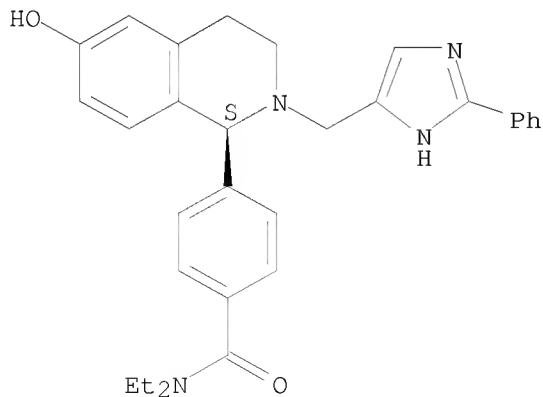
Absolute stereochemistry. Rotation (-).



RN 857252-00-7 CAPLUS

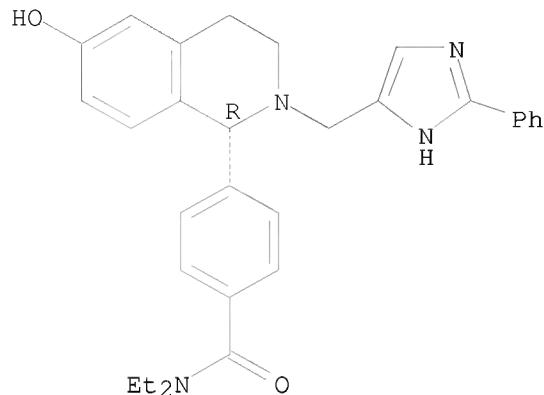
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



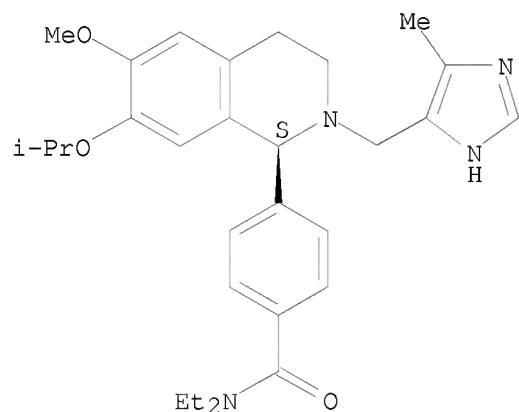
RN 857252-01-8 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



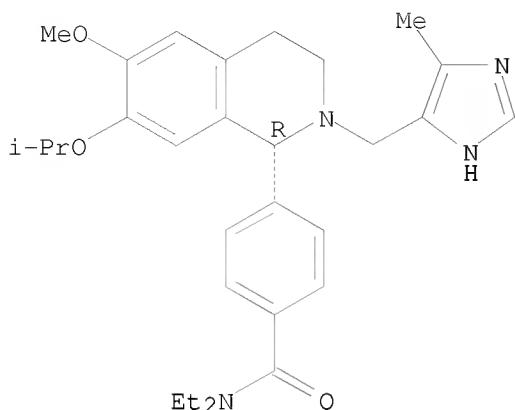
RN 857252-02-9 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 857252-03-0 CAPLUS
CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

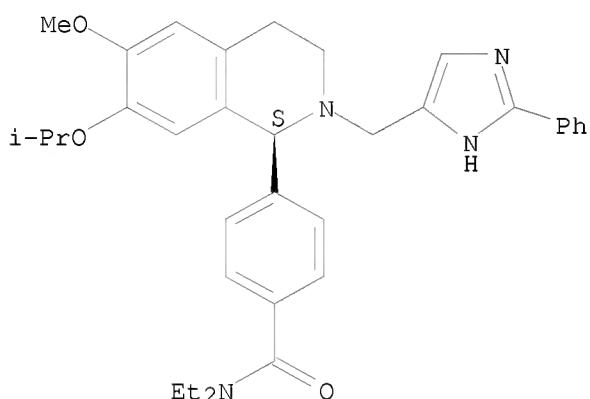
Absolute stereochemistry. Rotation (-).



RN 857252-04-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

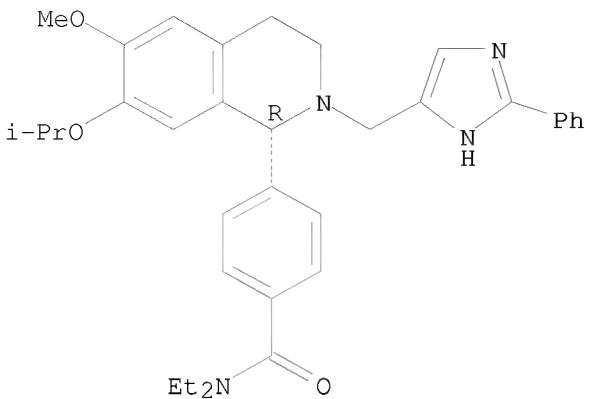
Absolute stereochemistry. Rotation (+).



RN 857252-05-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-(1-methylethoxy)-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

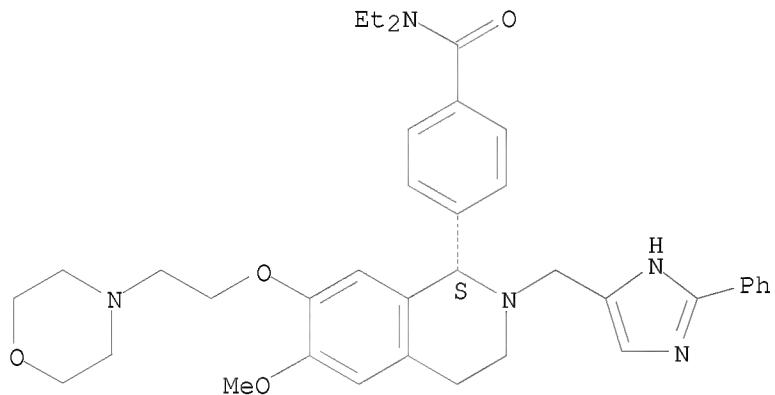
Absolute stereochemistry. Rotation (-).



RN 857252-06-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

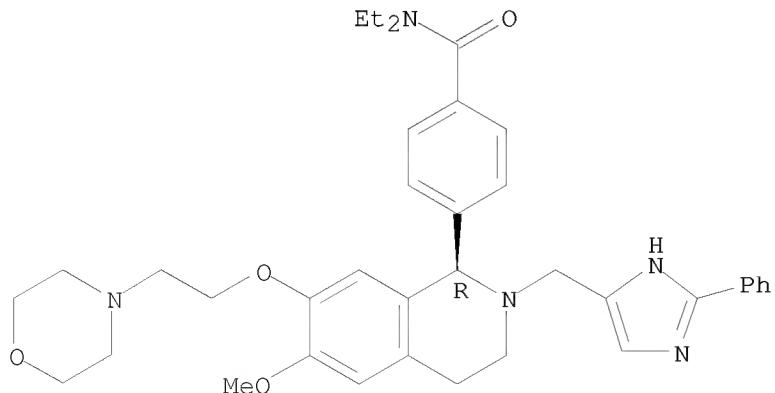
Absolute stereochemistry. Rotation (+).



RN 857252-07-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-7-[2-(4-morpholinyl)ethoxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

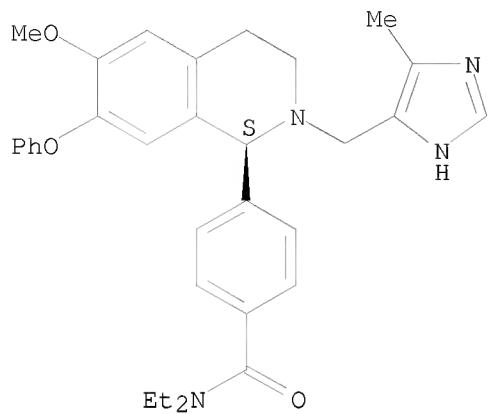
Absolute stereochemistry. Rotation (-).



RN 857252-08-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

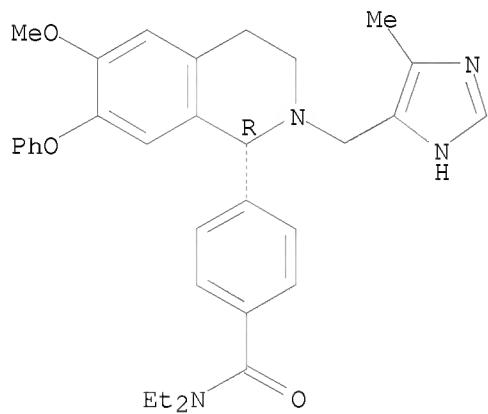
Absolute stereochemistry. Rotation (+).



RN 857252-09-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

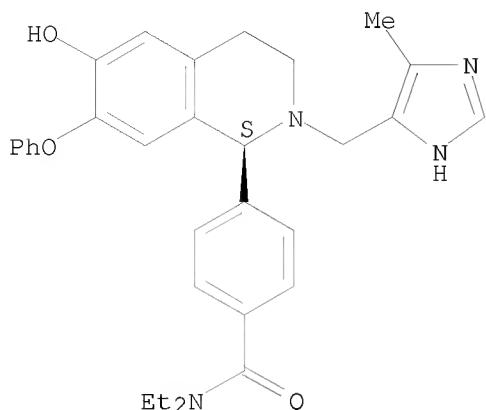
Absolute stereochemistry. Rotation (-).



RN 857252-10-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1S)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

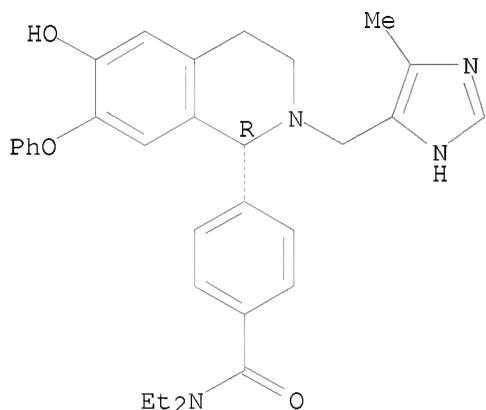
Absolute stereochemistry.



RN 857252-11-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1R)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-phenoxy-1-isoquinolinyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 857251-19-5P 857251-20-8P 857251-21-9P

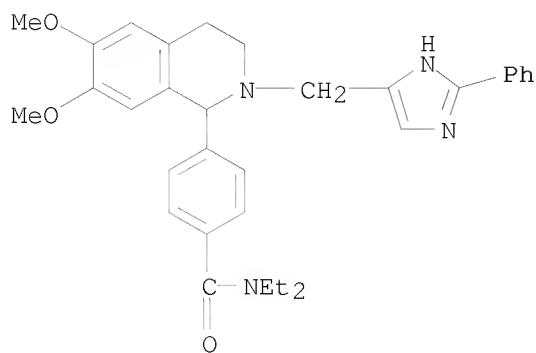
857251-36-6P 857251-54-8P 857251-75-3P

857251-77-5P 857251-78-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

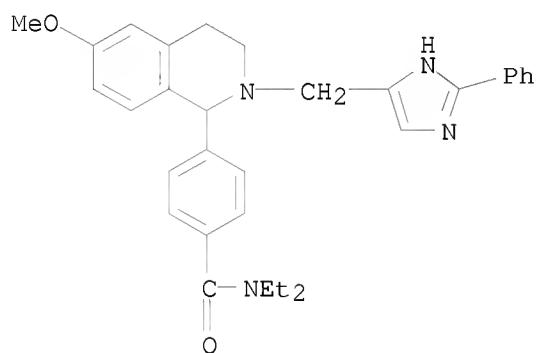
RN 857251-19-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



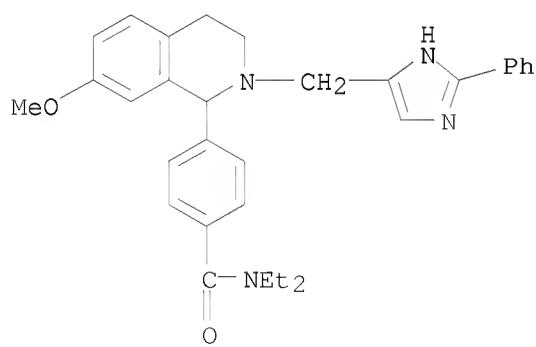
RN 857251-20-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



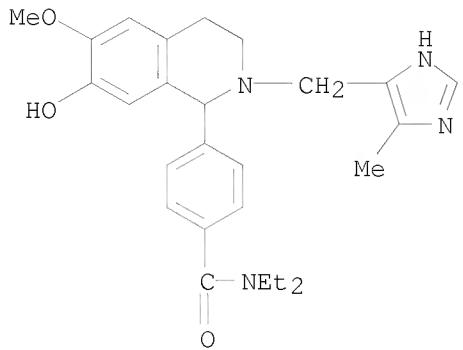
RN 857251-21-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



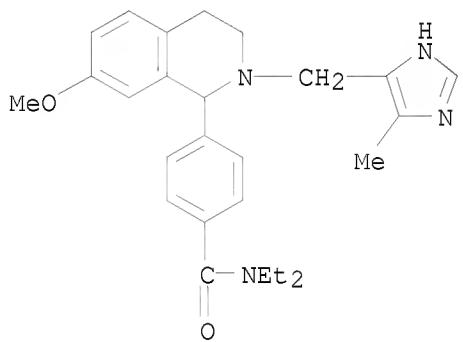
RN 857251-36-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



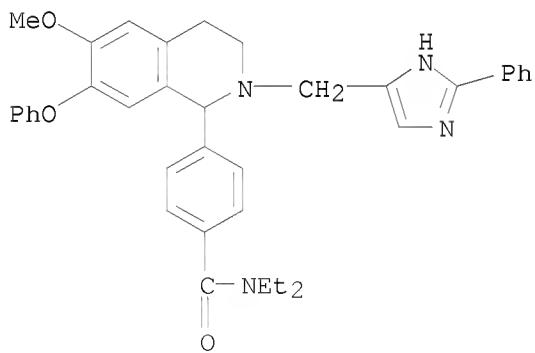
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CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



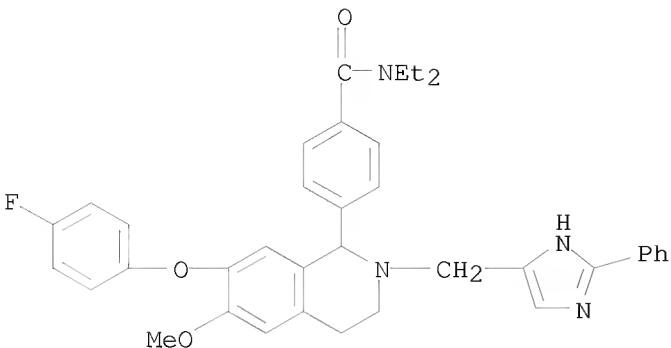
RN 857251-75-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



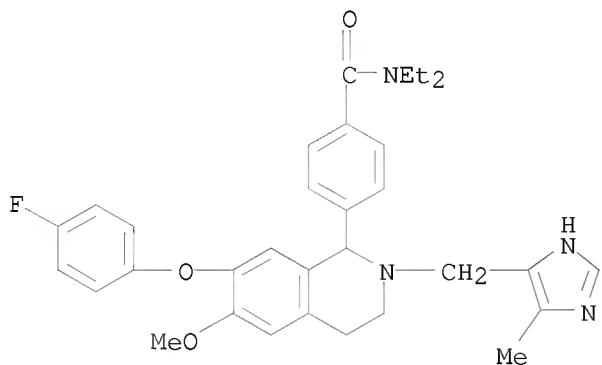
RN 857251-77-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-78-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



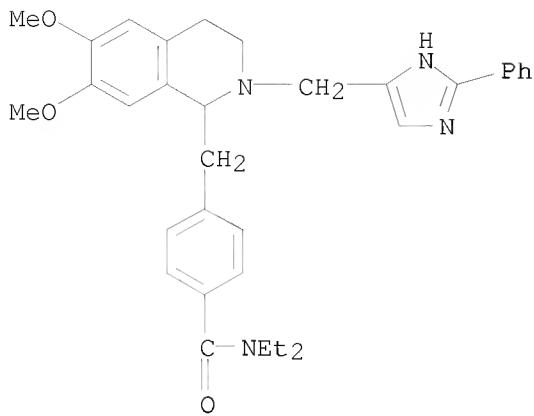
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

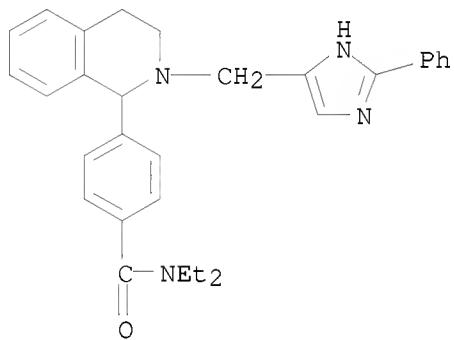
RN 857251-18-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methyl]- (CA INDEX NAME)



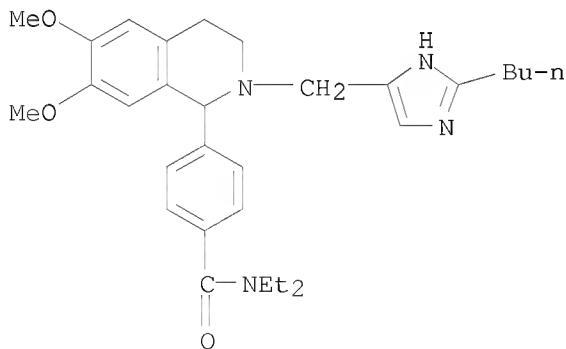
RN 857251-22-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



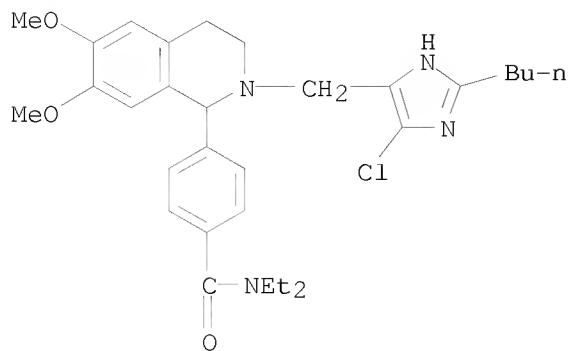
RN 857251-23-1 CAPLUS

CN Benzamide, 4-[(2-[(2-butyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl)-N,N-diethylbenzamide (CA INDEX NAME)



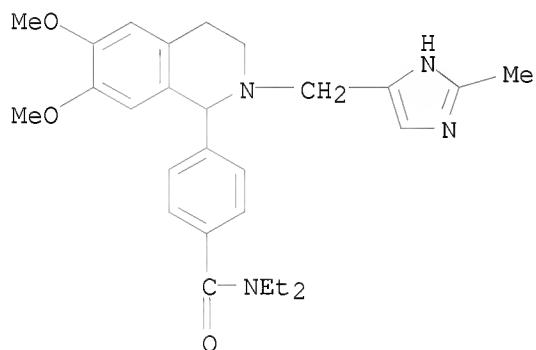
RN 857251-24-2 CAPLUS

CN Benzamide, 4-[(2-[(2-butyl-5-chloro-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl)-N,N-diethylbenzamide (CA INDEX NAME)



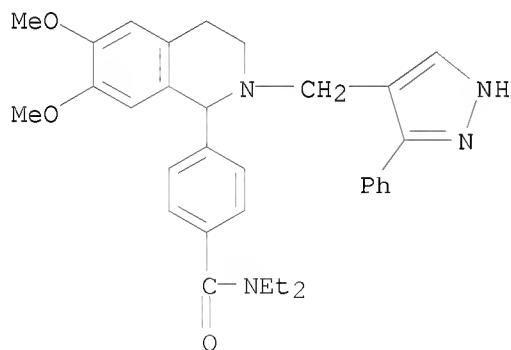
RN 857251-25-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



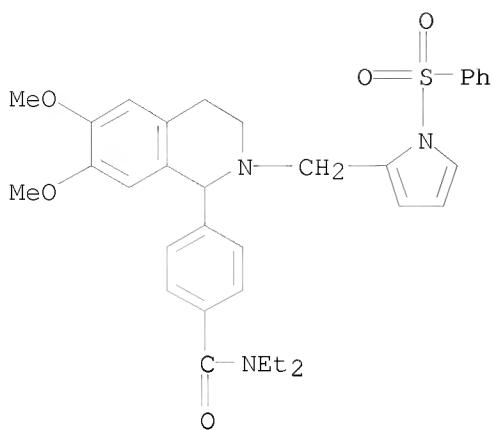
RN 857251-26-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(3-phenyl-1H-pyrazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



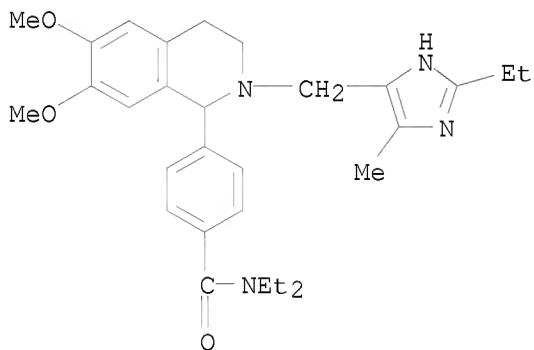
RN 857251-27-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylsulfonyl)-1H-pyrrol-2-yl]methyl]-1-isoquinolinyl]- (CA INDEX NAME)



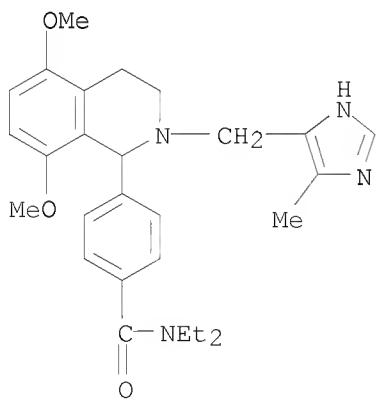
RN 857251-28-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[2-[(2-ethyl-4-methyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



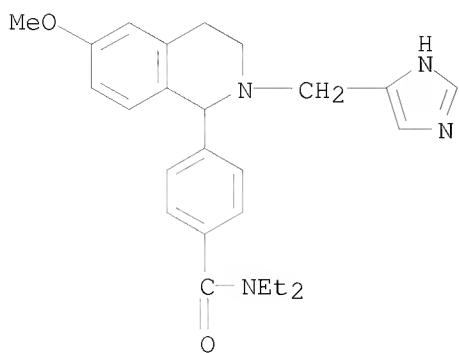
RN 857251-30-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,8-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



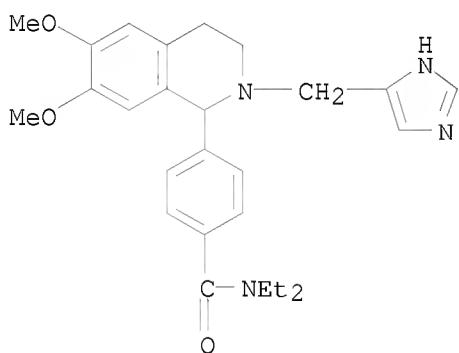
RN 857251-32-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6-methoxy-1-isoquinolinyl]- (CA INDEX NAME)



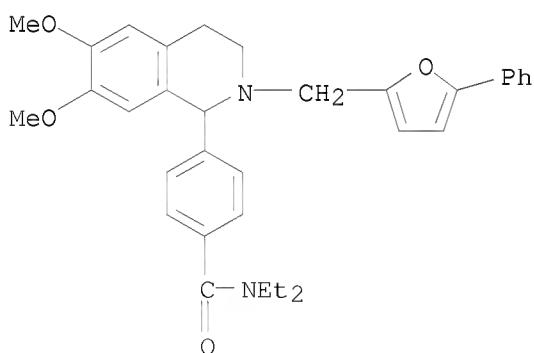
RN 857251-33-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-1-isoquinolinyl]- (CA INDEX NAME)



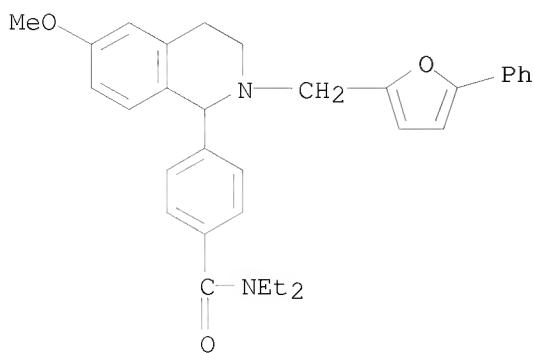
RN 857251-34-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



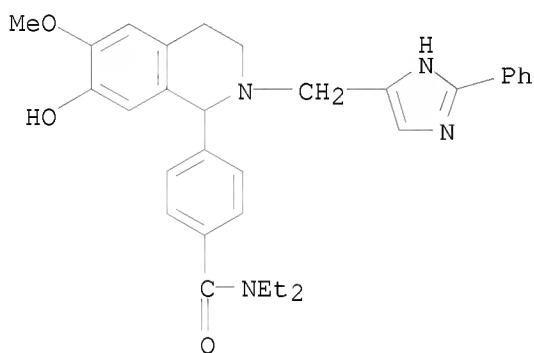
RN 857251-35-5 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(5-phenyl-2-furanyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



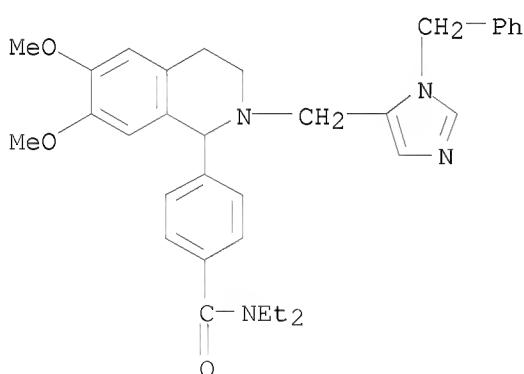
RN 857251-37-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



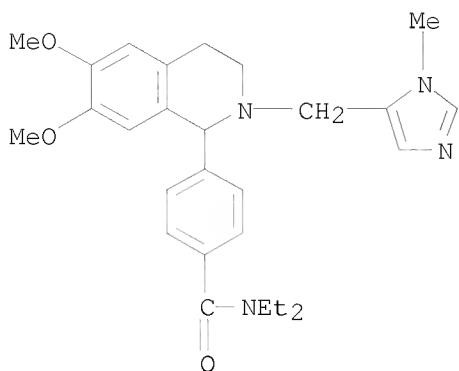
RN 857251-38-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-phenylmethyl)-1H-imidazol-5-yl]methyl]-1-isoquinolinyl]- (CA INDEX NAME)

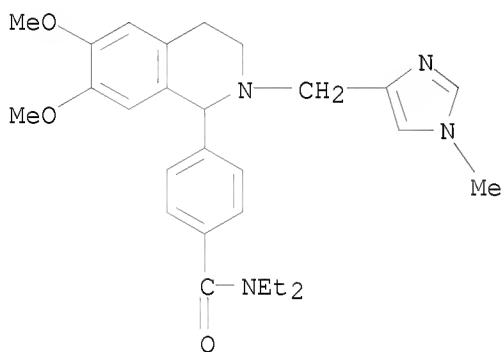


RN 857251-39-9 CAPLUS

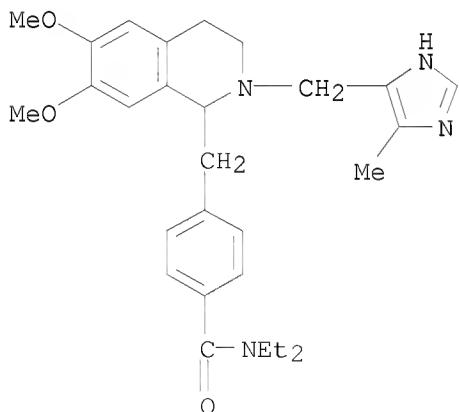
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



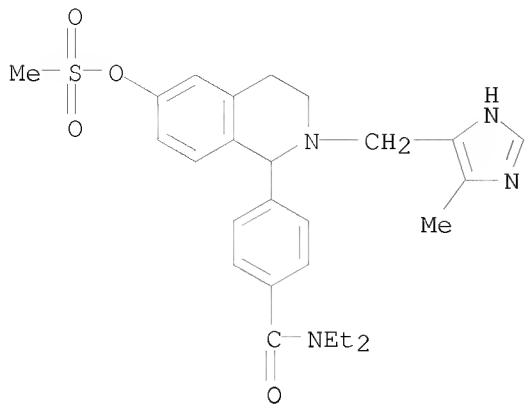
RN 857251-40-2 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(1-methyl-1H-imidazol-4-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-42-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]methyl]- (CA INDEX NAME)

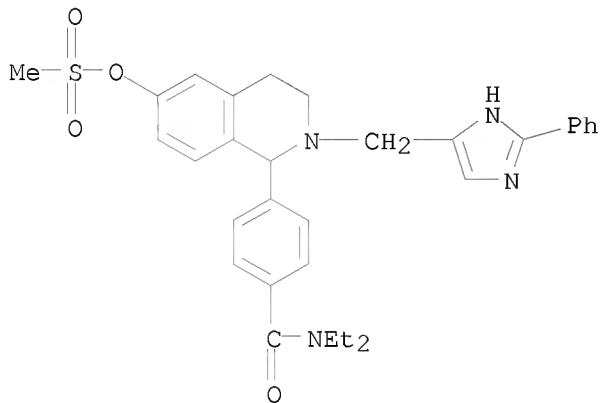


RN 857251-43-5 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



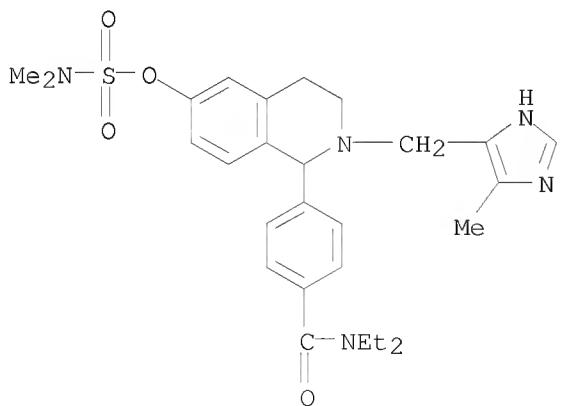
RN 857251-44-6 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-[(methylsulfonyl)oxy]-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-45-7 CAPLUS

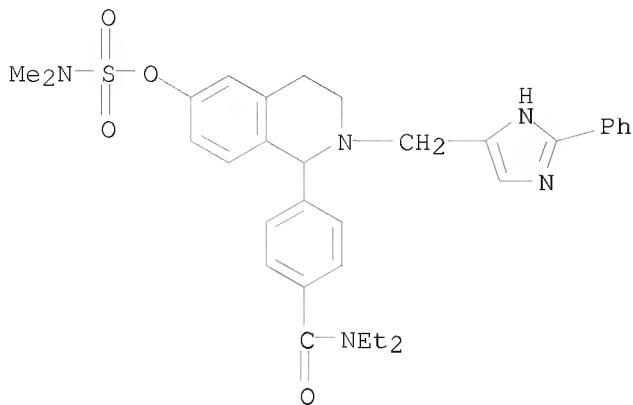
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(4-methyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester (CA INDEX NAME)



RN 857251-46-8 CAPLUS

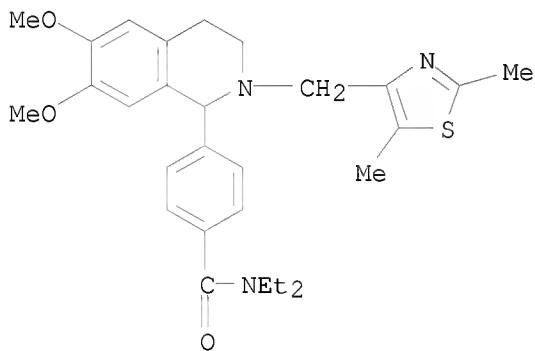
CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-6-isoquinolinyl ester

(CA INDEX NAME)



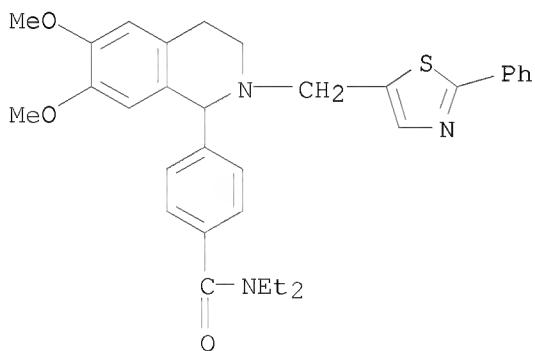
RN 857251-47-9 CAPLUS

CN Benzamide, 4-[2-[(2,5-dimethyl-4-thiazolyl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



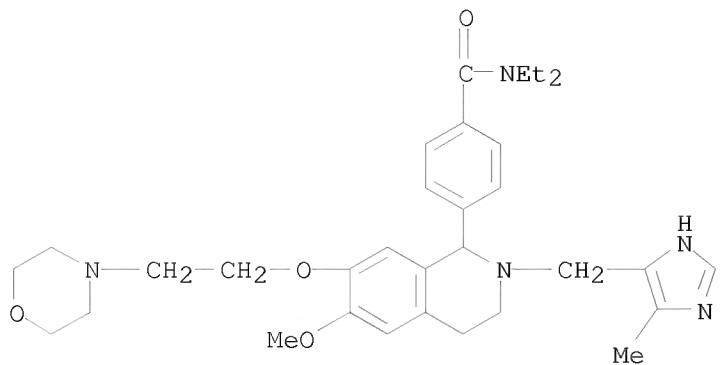
RN 857251-48-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-2-[(2-phenyl-5-thiazolyl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



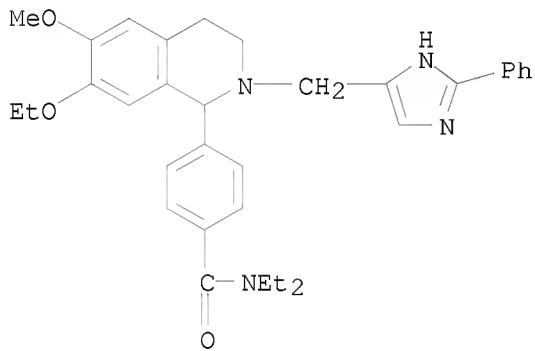
RN 857251-50-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[2-(4-morpholinyl)ethoxy]-1-isoquinolinyl]- (CA INDEX NAME)



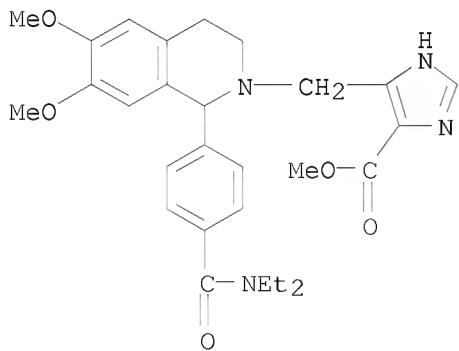
RN 857251-51-5 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



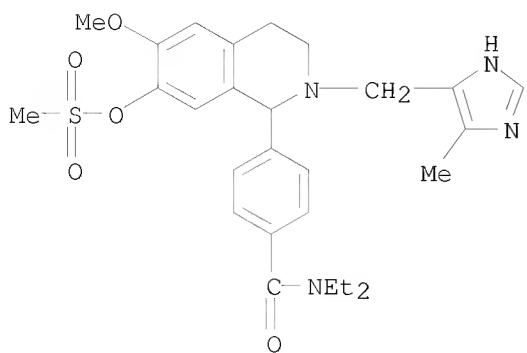
RN 857251-55-9 CAPLUS

CN 1H-Imidazole-5-carboxylic acid, 4-[[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl]methyl]-, methyl ester (CA INDEX NAME)



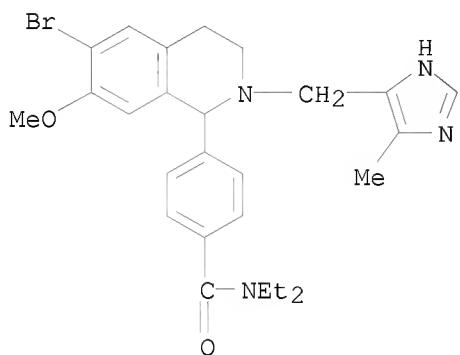
RN 857251-56-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(methylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



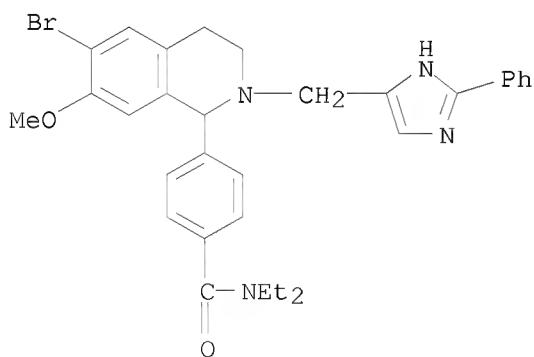
RN 857251-59-3 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



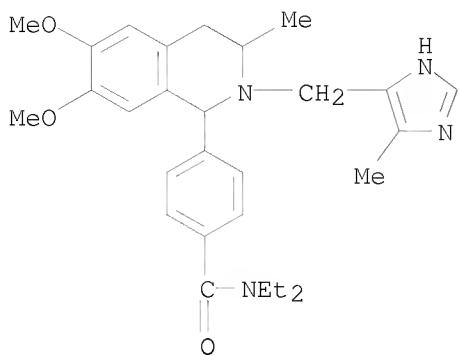
RN 857251-60-6 CAPLUS

CN Benzamide, 4-[6-bromo-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



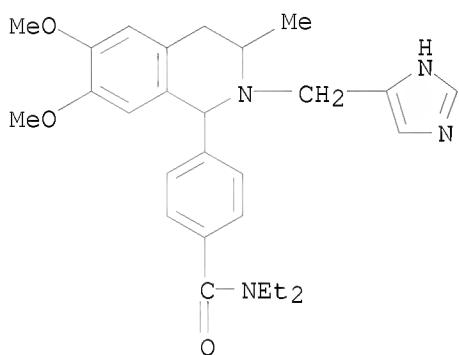
RN 857251-61-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dimethoxy-3-methyl-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



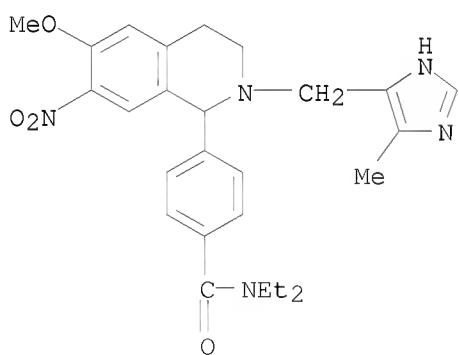
RN 857251-62-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-2-(1H-imidazol-5-ylmethyl)-6,7-dimethoxy-3-methyl-1-isoquinolinyl]- (CA INDEX NAME)



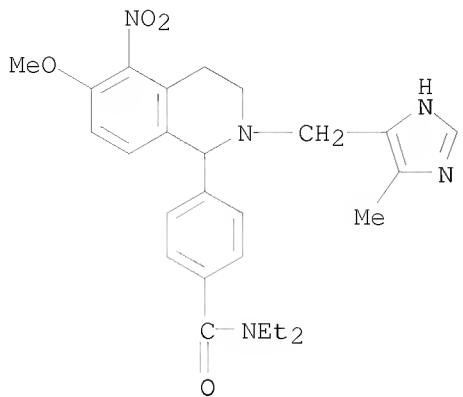
RN 857251-63-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-nitro-1-isoquinolinyl]- (CA INDEX NAME)

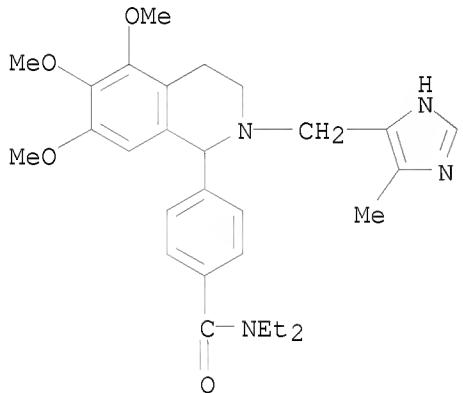


RN 857251-64-0 CAPLUS

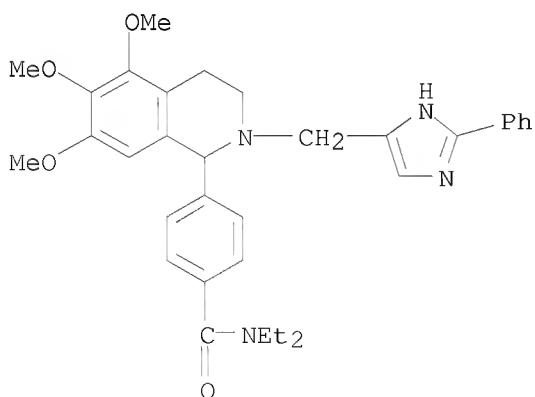
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-5-nitro-1-isoquinolinyl]- (CA INDEX NAME)



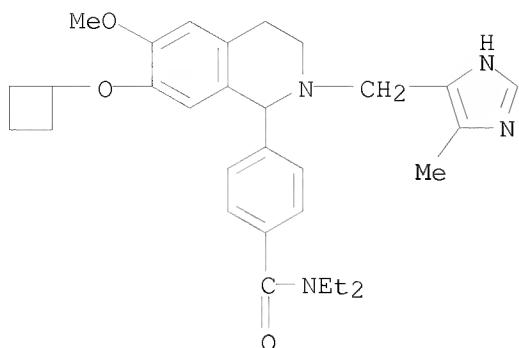
RN 857251-67-3 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-68-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-5,6,7-trimethoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

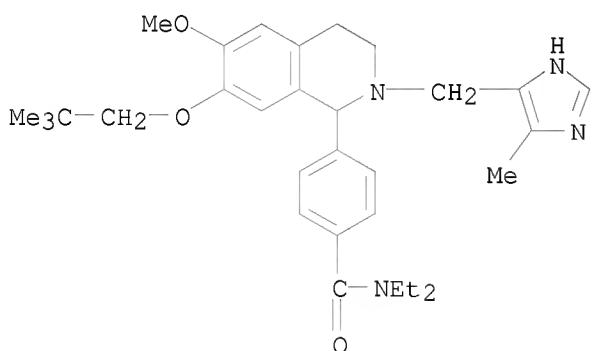


RN 857251-69-5 CAPLUS
 CN Benzamide, 4-[(7-(cyclobutyloxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl)-N,N-diethyl- (CA INDEX NAME)



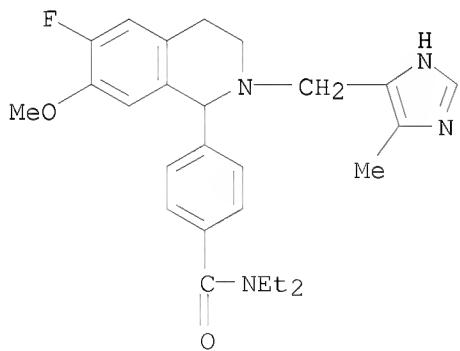
RN 857251-70-8 CAPLUS

CN Benzamide, 4-[7-(2,2-dimethylpropoxy)-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



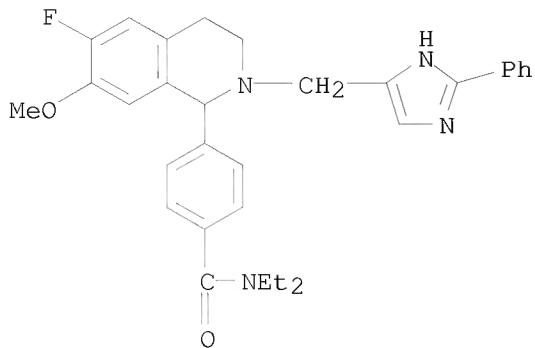
RN 857251-71-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



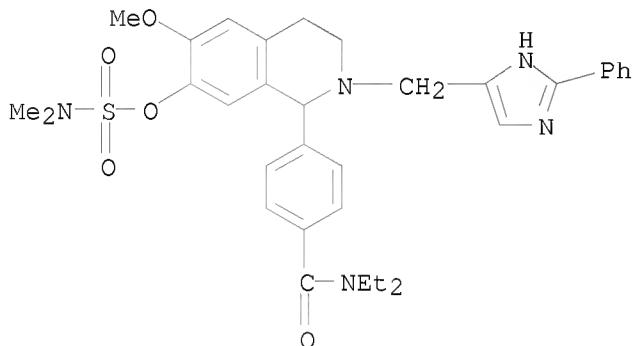
RN 857251-72-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[6-fluoro-1,2,3,4-tetrahydro-7-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



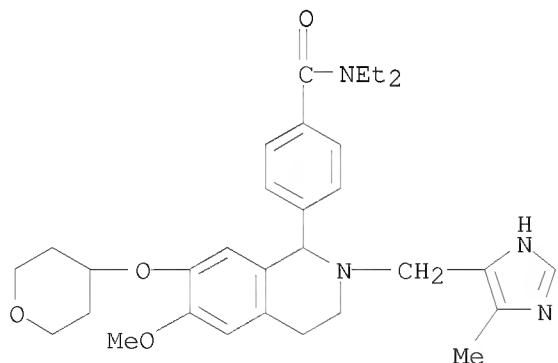
RN 857251-73-1 CAPLUS

CN Sulfamic acid, N,N-dimethyl-, 1-[4-[(diethylamino)carbonyl]phenyl]-1,2,3,4-tetrahydro-6-methoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-7-isoquinolinyl ester (CA INDEX NAME)



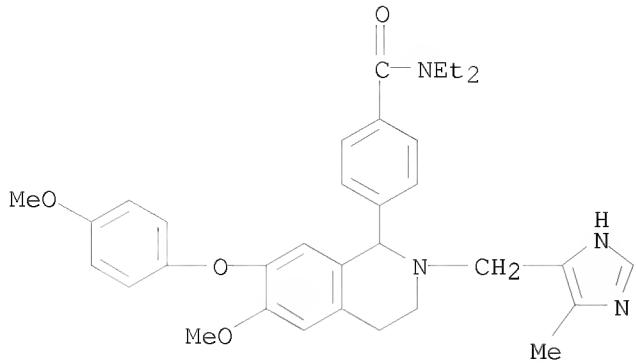
RN 857251-74-2 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(tetrahydro-2H-pyran-4-yl)oxy]-1-isoquinolinyl)-imido]phenyl (CA INDEX NAME)



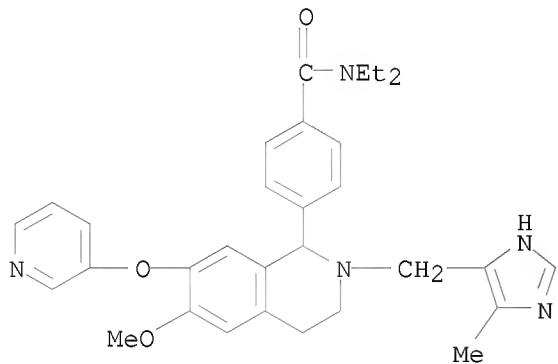
RN 857251-79-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[(1,2,3,4-tetrahydro-6-methoxy-7-(4-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl)-imido]phenyl (CA INDEX NAME)



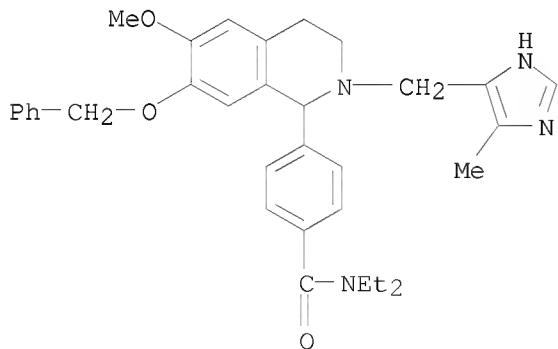
RN 857251-80-0 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(3-pyridinylloxy)-1-isoquinolinyl]-(CA INDEX NAME)



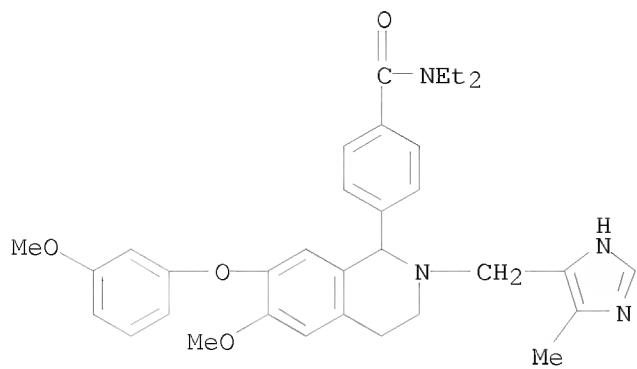
RN 857251-81-1 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-(phenylmethoxy)-1-isoquinolinyl]-(CA INDEX NAME)

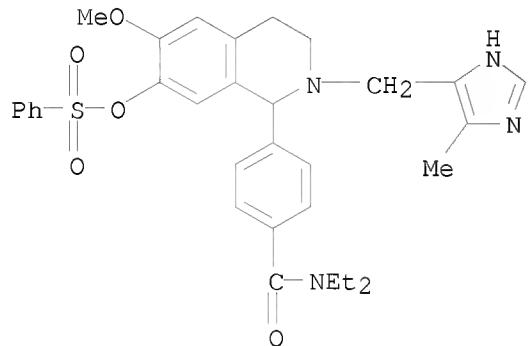


RN 857251-82-2 CAPLUS

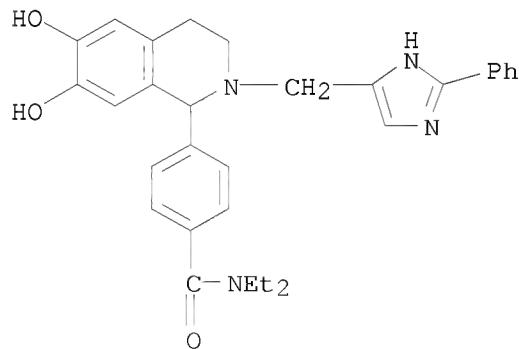
CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-7-(3-methoxyphenoxy)-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-(CA INDEX NAME)



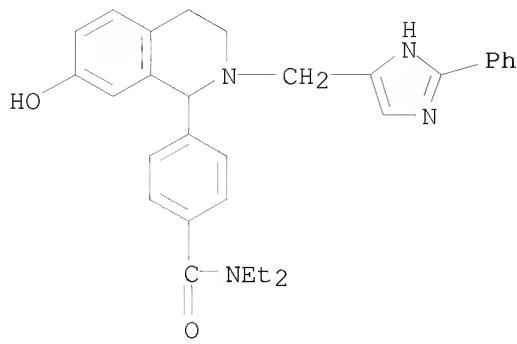
RN 857251-83-3 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-7-[(phenylsulfonyl)oxy]-1-isoquinolinyl]- (CA INDEX NAME)



RN 857251-84-4 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6,7-dihydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)

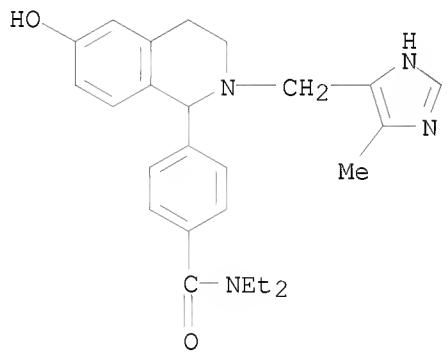


RN 857251-86-6 CAPLUS
 CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



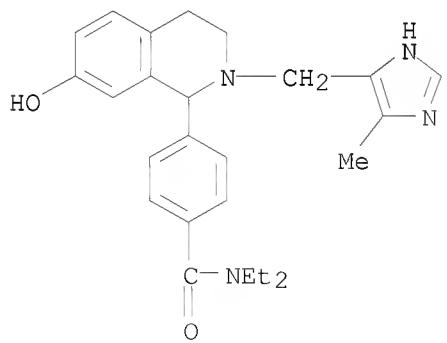
RN 857251-87-7 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



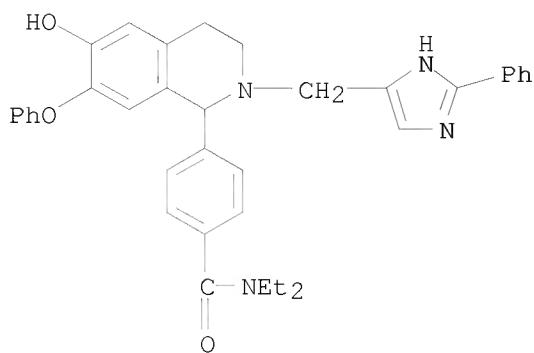
RN 857251-88-8 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-7-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



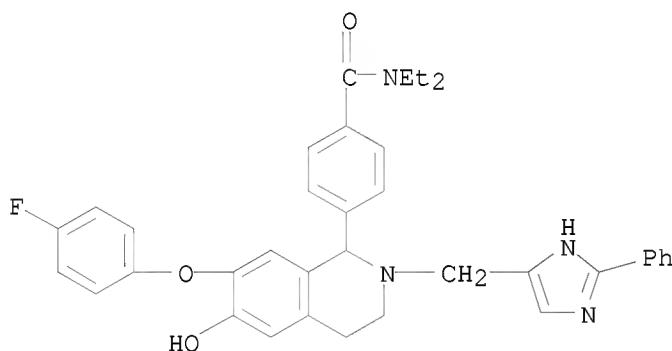
RN 857251-89-9 CAPLUS

CN Benzamide, N,N-diethyl-4-[1,2,3,4-tetrahydro-6-hydroxy-7-phenoxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



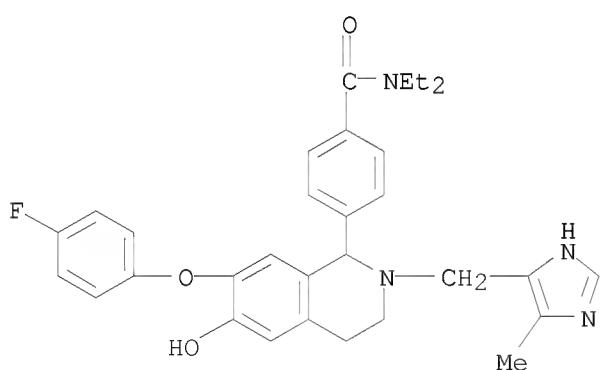
RN 857251-91-3 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(2-phenyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



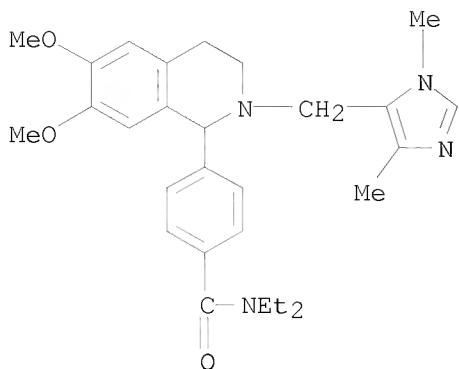
RN 857251-92-4 CAPLUS

CN Benzamide, N,N-diethyl-4-[7-(4-fluorophenoxy)-1,2,3,4-tetrahydro-6-hydroxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]- (CA INDEX NAME)



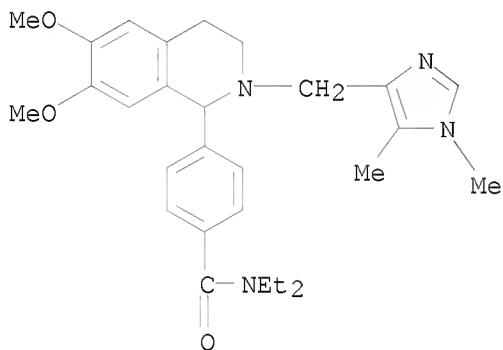
RN 857251-93-5 CAPLUS

CN Benzamide, 4-[2-[(1,4-dimethyl-1H-imidazol-5-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



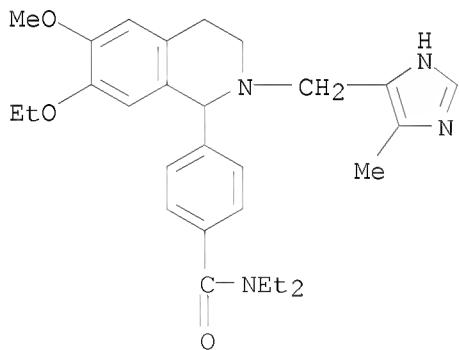
RN 857251-94-6 CAPLUS

CN Benzamide, 4-[2-[(1,5-dimethyl-1H-imidazol-4-yl)methyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



RN 857251-95-7 CAPLUS

CN Benzamide, 4-[7-ethoxy-1,2,3,4-tetrahydro-6-methoxy-2-[(4-methyl-1H-imidazol-5-yl)methyl]-1-isoquinolinyl]-N,N-diethyl- (CA INDEX NAME)



IT 857252-63-2P 857252-64-3P 857252-65-4P

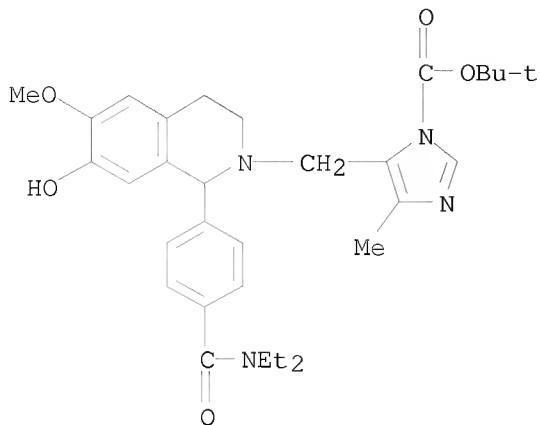
857252-66-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1,2,3,4-tetrahydroisoquinoline derivs. as δ receptor ligands)

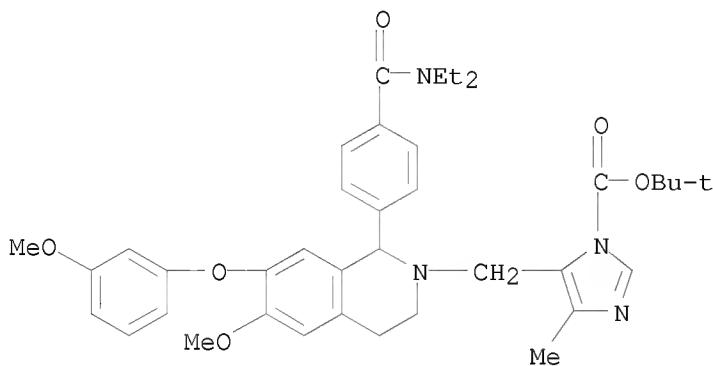
RN 857252-63-2 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[[1-[4-[(diethylamino)carbonyl]phenyl]-

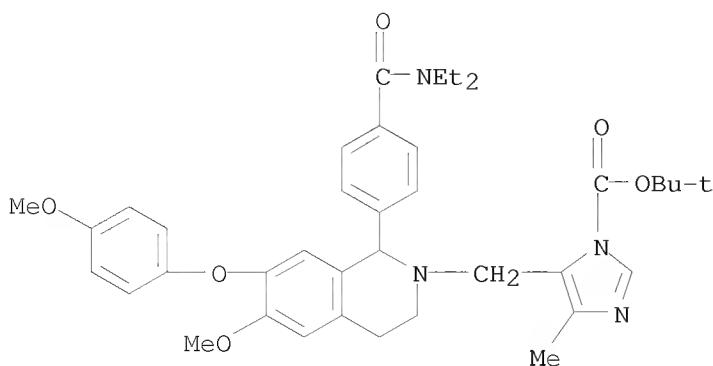
3,4-dihydro-7-hydroxy-6-methoxy-2(1H)-isoquinolinylmethyl]-4-methyl-,
1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-64-3 CAPLUS
CN 1H-Imidazole-1-carboxylic acid, 5-[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(3-methoxyphenoxy)-2(1H)-isoquinolinylmethyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

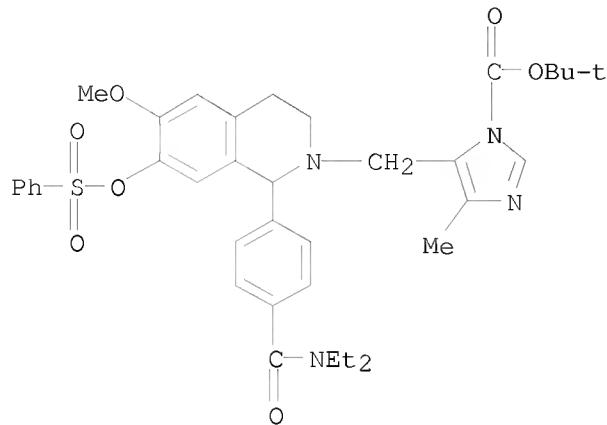


RN 857252-65-4 CAPLUS
CN 1H-Imidazole-1-carboxylic acid, 5-[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-(4-methoxyphenoxy)-2(1H)-isoquinolinylmethyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857252-66-5 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 5-[1-[4-[(diethylamino)carbonyl]phenyl]-3,4-dihydro-6-methoxy-7-[(phenylsulfonyl)oxy]-2(1H)-isoquinolinyl]methyl]-4-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.42	767.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.46	-2.46

STN INTERNATIONAL LOGOFF AT 16:16:30 ON 21 JAN 2009